

System Center Monitoring Pack guide for Microsoft SharePoint Server 2013

Microsoft Corporation

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# Prerequisite

* You must install the System Center Monitoring Pack for SharePoint Foundation 2013 before installing this Management Pack.
* Read the System Center Monitoring Pack guide for Microsoft SharePoint Foundation 2013 before deploying this management pack.
* Download the System Center Monitoring Pack for SharePoint Server 2013 from the [System Center Pack Catalog](http://technet.microsoft.com/en-us/systemcenter/cc462790.aspx).

# Quick Start

**Required Software System**

Refer to the “**Required Software System**” section of the System Center Monitoring Pack guide for Microsoft SharePoint Foundation 2013, and make sure that you are running with the required software system.

**Get started**

This section provides step by step instructions for setting up the environment, importing management packs, and configuring the system for monitoring using System Center Operation Manager 2007 R2.

1. Set up System Center Operation Manager 2007 R2 servers. Follow the Operations Manager 2007 R2 Deployment Guide at <http://technet.microsoft.com/en-us/library/bb419281.aspx>.
2. Identify all servers that are in the farm. You can identify all of the servers in the farm by using the Central Administration Web site. If your installation of SharePoint fails to install components on a particular server, it is recommended you troubleshoot the server or remove the server from the farm so the server does not appear in Central Admin; failing to do so may add complications in the management pack discovery.  
   **Note:** If discovery misses any server in the branch, discovery or monitoring may not function correctly.
3. Install the Operations Manager 2007 agent on the servers identified in step 2 by running the Operations Manager 2007 Discovery Wizard. We recommend that you install the agent by adding computers to agent managed through Operations Manager 2007 console. For more information about agent management, see the Operations Manager 2007 Deployment Guide at <http://technet.microsoft.com/en-us/library/bb419281.aspx>.

You can skip this step if the agent is already installed on agent computers.

1. Configure Operations Manager 2007 alert notification. For more information, see the general guideline in Operations Manager 2007 guide.
2. We recommend that you import and configure the Windows, SQL Server® and IIS Management Packs as described in the Management Pack guides. These Management Packs are available on the System Center Operations Manager 2007 Catalog at <http://technet.microsoft.com/en-us/opsmgr/cc539535.aspx>.
3. Install the System Center Monitoring Pack for SharePoint Server 2013.

**Note:** If the server where the Management Pack Windows Installation file is installed runs 64 bit Windows, the Management Pack will be installed in the %Program Files(x86)% folder by default.

1. Copy the following files to the “%ProgramFiles%\System Center Management Packs” folder on your Operations Manager 2007 management server:
   1. Microsoft.Sharepoint.Foundation.Library.mp
   2. Microsoft.Sharepoint.Foundation.2013.Discovery.mp
   3. Microsoft.Sharepoint.Foundation.2013.Monitoring.mp
   4. Microsoft.Sharepoint.Server.Library.mp
   5. Microsoft.Sharepoint.Server.2013.Discovery.mp
   6. Microsoft.Sharepoint.Server.2013.Monitoring.mp
   7. Microsoft.Sharepoint.Foundation.Library.MP.Config
2. In the Operations Manager 2007 console, import both the System Center Monitoring Pack for SharePoint Foundation 2013 and the System Center Monitoring Pack for SharePoint Server 2013.
3. On the Operations Manager 2007 management server, open the Operation Console.
4. On the **Administration** Tab, expand the Administration node.
5. Right-click **Management Packs** and select **Import Management Packs**.
6. Navigate to “%ProgramFiles%\System Center Management Packs” and select both the System Center Monitoring Pack for SharePoint Foundation 2013 and the System Center Monitoring Pack for SharePoint Server 2013.

**Note**: The System Center Monitoring Pack for SharePoint Server 2013 depends upon the System Center Monitoring Pack for SharePoint Foundation 2013. You cannot import it before the System Center Monitoring Pack for SharePoint Foundation 2013. If you have already imported the System Center Monitoring Pack for SharePoint Foundation 2013 before this step, you can just select the Microsoft SharePoint Server 2013 Management Pack.

1. Click **Import**
2. Create a Run As Account for the Microsoft SharePoint Foundation 2013 discovery and monitoring in Operations Manager 2007 console.
3. In the Operations Manager 2007 management server, open the Operations Console.
4. On the **Administration** tab, expand **Administration** , then **Security** , and then **Run As Accounts**.
5. Right-click **Run As Accounts,** and then select **Create Run As Account.**
6. Follow the wizard to create the Run As account, and record the account **display name** which is going to be used in the Microsoft.Sharepoint.Foundation.Library.MP.config file as described in next step. You may choose to name your Run As Account “SharePoint Discovery/Monitoring Account” to avoid updating Microsoft.Sharepoint.Foundation.Library.MP.config in next step.

**Note**: the Run As account must have sufficient privilege to allow discovery and monitoring to run. We recommend using the account which is a member of the Farm Administrator SharePoint group and has access to all SharePoint databases.

**Note**: You can skip this step if you have already done this for the System Center Monitoring Pack for SharePoint Foundation 2013.

1. Run Admin task on the Operations Manager 2007 management server to configure discovery and monitoring.
2. Update the Microsoft.Sharepoint.Foundation.Library.MP.config file with right information.
3. Open the Microsoft.Sharepoint.Foundation.Library.MP.config file under “%ProgramFiles%\System Center Management Packs”.
4. Find the section described below and update the account with the one you created in last step. Also add all of the servers in the farm for monitoring. For detailed information, follow the instructions in the Microsoft.Sharepoint.Foundation.Library.MP.config file.

|  |
| --- |
| <Association Account="**DisplayName** of Run As account" Type="Agent">  <Computer Name="agentComputerFilter1" />  <Computer Name="agentComputerFilter2" />  …  </Association> |

1. Run Admin task to configure the discovery and monitoring.
2. In the Operations Manager 2007 management server, open the **Operations Console**.
3. On the **Monitoring** tab, navigate to the **Microsoft** **SharePoint** folder.
4. Select the **Administration** node under the Microsoft SharePoint folder.
5. In the **Actions** menu in the toolbar, click **Microsoft SharePoint Farm Group Tasks**, and then click **Configure SharePoint Management Pack**.
6. Make sure that the Microsoft.Sharepoint.Foundation.Library.MP.config file is at the right location. Click **Run.**

**Note**: The task will take a few minutes to complete.

1. If there are no errors, close the dialog box.

If the task finishes with no errors, then proceed to next step. Otherwise, fix the problem and rerun the task until it finishes with no errors.

**Note**: If you have already completed this task for the System Center Monitoring Pack for SharePoint Foundation 2013, then after you import the System Center Monitoring Pack for SharePoint Server 2013, you have two choices. Either rerun the admin task, or wait for next cycle for discovery and monitoring for Microsoft SharePoint Server 2013 to start.

1. After the previous step, discovery will start. Discovery may take a half hour or more to finish running.
2. Verify discovery results.
3. In the Operations Manager 2007 management server, open the **Operations Console**.
4. In the **Monitoring** tab, navigate to the **SharePoint 2013 Products** folder.
5. Select the **Administration** node under the **SharePoint 2013 Products** folder.
6. Expand the diagram view and review with your SharePoint administrator to ensure that all the services that have been provisioned are discovered, if not, rerun discovery.

**The Management Packs are now installed and you are ready to monitor the SharePoint deployment.**

Monitor the SharePoint environment for alerts. Some alerts will need you to reset the monitor health status manually and close the alerts after its status changed to critical. Otherwise, the monitor will remain in critical states without sending out new alerts.

# Files Included in this Management Package

The following files are included in this Management Package.

* Microsoft.Sharepoint.Foundation.Library.mp
* Microsoft.Sharepoint.Foundation.2013. Discovery.mp
* Microsoft.Sharepoint.Foundation.2013.Monitoring.mp
* Microsoft.Sharepoint.Server.Library.mp
* Microsoft.Sharepoint.Server.2013.Discovery.mp
* Microsoft.Sharepoint.Server.2013.Monitoring.mp
* System Center Monitoring Pack guide for Microsoft SharePoint Foundation 2013.docx
* System Center Monitoring Pack guide for Microsoft SharePoint Server 2013.docx
* Microsoft SharePoint Server 2013 Management Pack Readme.htm
* Microsoft.Sharepoint.Foundation.Library.MP.config
* EULA.rtf

# Frequently Asked Questions

Make sure to read FAQ section of the System Center Monitoring Pack guide for Microsoft SharePoint Foundation 2013 as well.

**How to display the events report collected by System Center Monitoring Pack for SharePoint Server 2013?**

1. In the Operations Manager 2007 console, navigate to the reporting panel,
2. Go to **Reporting** and navigate to Microsoft SharePoint Foundation 2013.
3. In the right panel, click the report. This brings up the report window.
4. In the report window, select the Microsoft SharePoint 2013 Products Management Pack check box, and then configure the rest of the fields.
5. Click **Run**.
6. The report information from the Microsoft SharePoint 2013 Products Management Pack is displayed.

**What is the monitoring scope of this System Center Monitoring Pack for SharePoint Server 2013?**

The System Center Monitoring Pack for SharePoint Server 2013 monitors:

* Microsoft SharePoint Server 2013
* Microsoft Project Server 2013

And the following services applications:

* Access Services
* Business Data Connectivity
* Security Token Service
* Managed Metadata Web Service
* Education Services
* Excel Services Application
* InfoPath Forms Service
* Performance Point Services
* Translation Services
* Sandboxed Code Services
* Secure Store Services
* SharePoint Server Search
* User Profile Service
* Visio Service
* Word Automation Service

**How do I schedule running discovery for SharePoint Foundation 2013 and SharePoint Server 2013?**

To schedule SharePoint Server 2013 discoveries along with SharePoint Foundation 2013discoveries, add the following nodes to the WorkflowCycle node in Microsoft.Sharepoint.Foundation.Library.MP.config:

|  |
| --- |
| <Workflow Id="MOSSInstallation.Discovery;WACInstallation.Discovery;SearchExpressInstallation.Discovery;SearchStandardInstallation.Discovery" MP="Microsoft.SharePoint.Server.2013" Type="Discovery" Times="1" />  <Workflow Id="SPService.Discovery" MP="Microsoft.SharePoint.Server.2013" Type="Discovery" Times="4" />  <Workflow Id="SPSharedService.Discovery" MP="Microsoft.SharePoint.Server.2013" Type="Discovery" Times="4" />  <Workflow Id="SPSharedService.Discovery.WAC" MP="Microsoft.SharePoint.Server.2013" Type="Discovery" Times="4" /> |

As a result, the WorkflowCycle node may look like this:

|  |
| --- |
| <WorkflowCycle BaseStartTime="+300" Length="28800" Spacing="60">  <Workflow Id="WSSInstallation.Discovery" Type="Discovery" Times="1" />  <Workflow Id="MOSSInstallation.Discovery;WACInstallation.Discovery;SearchExpressInstallation.Discovery;SearchStandardInstallation.Discovery" MP="Microsoft.SharePoint.Server.2013" Type="Discovery" Times="1" />  <Workflow Id="SPFarm.Discovery" Type="Discovery" Times="1" />  <Workflow Id="SPService.Discovery" Type="Discovery" Times="4" />  <Workflow Id="SPSharedService.Discovery" Type="Discovery" Times="4" />  <Workflow Id="SPService.Discovery" MP="Microsoft.SharePoint.Server.2013" Type="Discovery" Times="4" />  <Workflow Id="SPSharedService.Discovery" MP="Microsoft.SharePoint.Server.2013" Type="Discovery" Times="4" />  <Workflow Id="SPSharedService.Discovery.WAC" MP="Microsoft.SharePoint.Server.2013" Type="Discovery" Times="4" />  <Workflow Id="SPHARule.Discovery" Type="Discovery" Times="1" />  <Workflow Id="SPHARuleMonitor.Availability;SPHARuleMonitor.Security;SPHARuleMonitor.Performance;SPHARuleMonitor.Configuration;SPHARuleMonitor.Custom" Type="Monitor" Times="8" />  <Workflow Id="SPHARuleMonitor.SPServer.Availability;SPHARuleMonitor.SPServer.Security;SPHARuleMonitor.SPServer.Performance;SPHARuleMonitor.SPServer.Configuration;SPHARuleMonitor.SPServer.Custom" Type="Monitor" Times="8" />  </WorkflowCycle> |

# Components of SharePoint Server 2013 Management Pack

SharePoint Server 2013 Management Pack is comprised of 3 components: Library, Discovery and Monitoring management packs.

The SharePoint.Server.Library.mp file is common for all SharePoint versions and can be reused to reduce the duplicate work for SharePoint management pack development.

The SharePoint.Server.2013.Discovery.mp and SharePoint.Server.2013.Monitoring.mp files are specific for SharePoint Server 2013. The new Discovery.mp and Monitoring.mp files for the future SharePoint versions can be easily added into the SharePoint Management Pack and reuse the common object types and groups defined in the Library.mp file. It’s easier for the support of multiple SharePoint versions in the future.

|  |  |  |
| --- | --- | --- |
| MP File | Display Name | Description |
| Microsoft.SharePoint.Server.Library.mp | Microsoft SharePoint Server Core Library | This Management Pack contains the object types and groups that are common to SharePoint Server 2013 and forward. |
| Microsoft.SharePoint.Server.2013.Discovery.mp | Microsoft SharePoint Server 2013 (Discovery) | This Management Pack contains definitions for object types and groups that are specific to SharePoint Server 2013. It contains the discovery logic to detect all objects of the type defined specific for SharePoint Server 2013. |
| Microsoft.SharePoint.Server.2013.Monitoring.mp | Microsoft SharePoint Server 2013 (Monitoring) | This Management Pack provides all monitoring for SharePoint Server 2013. |

# Discoveries

The System Center Monitoring Pack for SharePoint Server 2013 discovers following service applications and features in addition to discoveries listed in the System Center Monitoring Pack guide for Microsoft SharePoint Foundation 2013:

* Access Services
* Document Conversions Launcher Service
* Document Conversions Load Balancer
* Education Services
* Excel Calculation Services
* InfoPath Forms Service
* PerformancePoint Service
* Project Server Service
* Project Server Events Service
* Project Server Queue Service
* Secure Store Service
* SharePoint Server Search
* User Profile Service
* Visio Service
* Word Automation Service

# Monitors

|  |  |
| --- | --- |
| Name | Description |
| Access Data Services Cannot Create Session Cache | A critical state of this Monitor indicates that the back end application server Access Data Services machine was not able to create an in memory cache for a user session. Users may be unable to use that specific machine for querying data for Access Services applications. |
| Access Data Services Out Of Memory | A critical state of this Monitor indicates that the back end Access Data Services application server machine ran out of memory. |
| Access Data Services Configuration Database Access Failed | A warning state of this Monitor indicates that the back end Access Data Services application server failed to access the configuration database and may not be able to read or save any settings. |
| Access Data Services Template File Error | A warning state of this Monitor indicates that an Access template file was missing there was an error reading it from the hard disk or the template file wasn't valid. |
| Access Data Services Failed To Load Calculation Library | A critical state of this Monitor indicates that the Access Services failed to load a required library the calculation library. The server may not be able to process requests. |
| Access Data Services Machine Not Available | A critical state of this Monitor indicates that no Access Data Services machines are available. All requests for Access Service applications that consume any data will fail. |
| Access Data Services Failed To Contact Access Application Server | A warning state of this Monitor indicates that a web front end machine was unable to communicate with a specific back end Access Data Services application server. Traffic will be load balanced to another server if one is available. |
| Access Data Services Machine No Longer Available | A warning state of this Monitor indicates that a web front end machine failed to contact a back end Access Data Services machine. All future requests to this Access Data Services machine will likely fail. Traffic may be load balanced to other Access Data Services machines if they exist. |
| Access Data Services Content DB No App Info | A warning state of this Monitor indicates that the we cannot retrieve the application information from a number of application from the SharePoint content database. |
| Access Data Services WFE to ADS Communication Failure | A critical state of this Monitor indicates that we have failed to communicate with Access Data Services machines repeatedly for a period of time. All requests for Access Service applications that consume any data will fail. |
| Access Data Services No Servers Available For Create | There are no SQL servers available for creating databases. |
| Access Data Services Partitioned SSS Communication Failure | We are unable to communicate with partitioned SSS. This means that we're unable to retrieve or update credentials for application databases. |
| Access Data Services Unpartitioned SSS Communication Failure | We are unable to communicate with partitioned SSS. This means that we're unable to retrieve or update credentials for database servers used for applications. |
| Access Data Services Excessive Failed SQL Connections Requests Number Of Connections Trigger | A trigger for the number of connections. We don't want this firing for a very small number of users. |
| Access Data Services Excessive Failed SQL Connections Monitor | The average failed attempts to connect to SQL Azure is too high. This means many of our customer aren’t able to connect to their data. |
| Access Data Services Excessive SQL Connection Retries Number Of Connections Trigger | A trigger for the number of connection retries. Fires if there are 1000 within a 5 minute interval. |
| Access Data Services Excessive SQL Connection Retries Monitor | The average number of retries per connection attempt is too high. this likely means user experience is severely degraded. |
| Access Data Services Excessive SQL Write Failures Number Of Connections Trigger | A trigger for the number of SQL write failures. Fires if there are 1000 within a 5 minute interval. |
| Access Data Services Excessive SQL Write Failures Monitor | The average number of write failures compared to total write attempts is too high. this means the user is either not able to write to their DB or their performance is severely degraded. |
| Access Data Services No Available ADS Servers | Monitor triggers an alert warning when the number of available ADS boxes is low and then an error when there are no available ADS boxes. |
| Access Data Services No Default Proxy | There is no default Access Services application proxy. This indicates that Access Services is misconfigured in this farm. |
| Access Data Services Failed To Register Database Server |  |
| Enterprise Content Management Disk-Based Cache Is Misconfigured | A warning state of this Monitor indicates that the Disk-Based Cache is misconfigured. |
| Enterprise Content Management Deployment Failed | A critical state of this Monitor indicates that Content Deployment has failed. |
| Enterprise Content Management Disk-Based Cache Is At Critical Capacity | A critical state of this Monitor indicates that the Disk-based Cache is at or near full capacity. |
| Enterprise Content Management Disk-Based Cache Is Compacting | A warning state of this Monitor indicates that the Disk-Based Cache is compacting. |
| Enterprise Content Management Disk-Based Cache Is Flushing | A warning state of this Monitor indicates that the Disk-Based Cache is flushing. |
| Enterprise Managed Metadata Service Is Inaccessible | A critical state of this Monitor indicates that the Enterprise Managed Metadata Service is Inaccessible. |
| Document Conversion Launcher Is Unavailable | A critical state of this Monitor indicates that the Document Conversion Launcher service is unavailable. |
| Document Conversion LoadBalancer Is Unavailable | A critical state of this Monitor indicates that the Document Conversion Load Balancer service is unavailable. |
| Education Services: Error while communicating with Profile Service | A critical status of this monitor indicates communication with the profile service has failed because the service is either busy unavailable or cannot be reached |
| Education Services: Error while communicating with Exchange Web Service | A critical status of this monitor indicates communication with the Exchange Web Service has failed because the service is busy unavailable or cannot be reached |
| Education Services: Error while loading configuration settings | A critical status of this monitor indicates there was an error while loading configuration settings from the SharePoint configuration database |
| Education Services: Error while communicating with Lync Service | A critical status of this monitor indicates communication with the Lync Service has failed because the service is busy unavailable or cannot be reached |
| Education Services: Unexpected error while provisioning EDU Site | A critical status of this monitor indicates provisioning of education sites fails on the WFE |
| Education Services: Out of memory while processing request | A critical status of this monitor indicates the Web Fronte End machine has run out of memory while trying to process a request |
| Education Services: Unexpected data access layer error | A critical status of this monitor indicates there was an unexpected error while trying to process a data access layer request |
| Education Services: Email notification delivery failed | A critical status of this monitor inidicates email notifications could not be delivered because the connection to the SMTP server failed |
| Education Site Provisioning: Site Provisioning Job Failed | A critical status of this monitor indicates there was an unexpected error that prevented the site provisioning job from completing successfully |
| Education Services: Data access request duration High | A warning status of this monitor indicates the average duration for a data access request exceeds the acceptable threshold |
| Education Site Provisioning: Average Site Provisioning Job Duration High | A warning status of this monitor indicates the average duration for a provisioning job to complete exceeds the acceptable threshold |
| Education Site Provisioning: Average Site Provisioning Job Wait Time High |  |
| Excel Calculation Services Not Available | A critical state of this Monitor indicates that the Excel Calculation Services is not available. |
| Excel Calculation Services Workbook Disk Cache Cannot Be Created | A critical state of this Monitor indicates that Excel Calculation Services uses the workbook disk cache to store workbooks that have been previously opened by user request. This cache is created on the hard disk of each computer running Excel Calculation Services. |
| Excel Calculation Services Configuration Database Access Failed | A critical state of this Monitor indicates that the back end Excel Calculation Services application server failed to access the configuration database and may not be able to read or save any settings. |
| Excel Calculation Services Template File Missing | A warning state of this Monitor indicates that the template file used to create new workbooks by Excel Services Application was not found. Users may be unable to create new workbooks on the server until this is corrected. |
| Excel Calculation Services Localized Template File Not Found | A warning state of this Monitor indicates that the localized template file that is used to create new workbooks by Excel Services Application was not found. The server may be creating new workbooks using a template file of a different locale. This means that uses may be seeing the wrong language displayed when creating workbooks using Excel Services Application. |
| Excel Calculation Services User Defined Function Exception | A warning state of this Monitor indicates that a User Defined Function has thrown an exception. User Defined Functions are custom code that is deployed to the server which can be used by Excel Services Application. Any workbooks that require this User Defined Function may not be calculating properly. The User Defined Function may need to be fixed and redeployed to the server. |
| Excel Calculation Services Unexpected Workbook Failure | A warning state of this Monitor indicates that a workbook session was terminated on the back end Excel Calculation Server due to an unexpected failure. |
| Excel Calculation Services Failed To Save Workbook File | A warning state of this Monitor indicates that an attempt to save an edited file form on the back end Excel Calculation Services application server failed. |
| Excel Calculation Services Memory Allocation Failed | A warning state of this Monitor indicates that the back end Excel Calculation Services application server failed to allocate memory. |
| Excel Calculation Services Internal Error | A warning state of this Monitor indicates that an internal error occurred on the back end Excel Calculation Services application server. |
| Excel Calculation Services Machine No Longer Available | A warning state of this Monitor indicates that a web front end machine failed to contact a back end Excel Calculation Services machine. All future requests to this Excel Calculation Services machine will likely fail. Traffic may be load balanced to other Excel Calculation Services machines if they exist. |
| Excel Calculation Services Error Communicating With Machine | A warning state of this Monitor indicates that the front-end Web server attempts to establish a connection to a specific Excel Calculation Services machine but a communication error occurred. Traffic will be load balanced to another server if one is available. |
| Excel Calculation Services Maximum Memory Configured For Excel Calculation Services Has Been Exceeded | A warning state of this Monitor indicates that maximum memory configured for Excel Calculation Services has been exceeded. |
| Excel Calculation Services Is Not Running Locally | A warning state of this Monitor indicates that the Excel Services Application load-balancing scheme is configured in Central Administration as local but Excel Calculation Services is not running on the front-end Web server. |
| Excel Calculation Services Workbook Disk Cache Is Full | A warning state of this Monitor indicates that the workbook cache is full and that there is no space to load a workbook. |
| InfoPath Forms Services Cannot Load ifsFileNames.xml | A critical state of this Monitor indicates that InfoPath Forms Services cannot load ifsFileNames.xml. |
| InfoPath Forms Services Form Templates In-Memory Cache Are Being Reloaded Frequently | A warning state of this Monitor indicates that form templates in the InfoPath Forms Services in-memory cache are being reloaded frequently. This could indicate high memory pressure and suboptimal performance. |
| InfoPath Forms Services User Has Exceeded The Maximum Allowable Number Of Postbacks | A warning state of this Monitor indicates that a user has exceeded the threshold that has been set for the number of postbacks allowed per form session. When this condition occurs the user session is terminated to protect the server. |
| InfoPath Forms Services User Has Exceeded The Maximum Number Of Actions Per Postback | A warning state of this Monitor indicates that a user has exceeded the threshold that has been set for the number of form actions allowed per postback. When this condition occurs InfoPath Forms Services terminates the user session to protect the server. |
| InfoPath Forms Services Is Not Functional Due To Invalid State Service Configuration | A critical state of this Monitor indicates that InfoPath Forms Services is not functional and browser forms cannot be used because the State Service configuration is not valid. |
| User Profile Service Audience Compilation Failed | A critical state of this Monitor indicates that User Profile Service Audience Compilation Failed. |
| User Profile Service Create My Site Failure | A critical state of this Monitor indicates that a creation of a user's my site failed. |
| User Profile Service Commit User Profile Failure | A critical state of this Monitor indicates that there was a failure during a User Profile commit operation. |
| User Profile Service Synch Scheduler Failed | A critical state of this Monitor indicates that the Sync Scheduler for sync between Microsoft SharePoint Foundation 2013 and Microsoft SharePoint Server User Profile service failed. |
| Profile Synchronization Configuration Service Is Not Running | A warning state of this Monitor indicates that the Profile Synchronization Configuration Windows Service is not started. This Windows Service enables SharePoint Server to configure Profile Synchronization. If the Windows Service is not started then Profile Synchronization will not function. |
| Profile Synchronization Service Is Not Running | A warning state of this Monitor indicates that the Profile Synchronization Windows Service is not started. This Windows Service enables SharePoint Server to synchronize profile information with the directory. If the Windows Service is not started then Profile Synchronization will not function. |
| Profile Synchronization Configuration Service Failed To Connect To SQL Server | A warning state of this Monitor indicates that the Profile Synchronization Configuration Windows Service cannot connect to SQL Server. If the service cannot connect to SQL Server then Profile Synchronization will fail to function. |
| Profile Synchronization Service Unexpected Failures | A warning state of this Monitor indicates that the Profile Synchronization Service has generic unexpected failures. |
| Profile Synchronization Execution Failures | A warning state of this Monitor indicates that synchronizing data between SharePoint Server and the directory failed. |
| User Profile Service Timer Job Failed | A critical state of this Monitor indicates that one of User Profile timer jobs has thrown an exception. |
| PerformancePoint Services Is Not Running | A critical state of this Monitor indicates that PerformancePoint Services is not running. |
| PerformancePoint Services Unattended Service Account Status | A critical state of this Monitor indicates that the Unattended Service Account login failed. |
| PerformancePoint Services DB Cannot Be Reached | A critical state of this Monitor indicates that the PerformancePoint Services DB cannot be reached. |
| Project Active Directory Connection Failed | A warning state for this Monitor indicates that Project Server could not access the Active Directory. |
| Project Active Directory Exception Occurred During Synchronization | An error state for this Monitor indicates that Project Server Failed to obtain a reference to an Active Directory Group. |
| Project Active Directory Top-Level Group Has No Members | A warning state for this Monitor indicates that the top-level Active Directory group that is mapped to the Enterprise Resource Pool or a Project Web Access Security Group does not contain any members. |
| Project Active Directory Nested Foreign Security Principal Could Not Be Resolved | A warning state for this Monitor indicates that Project Server could not resolve a nested Active Directory foreign security principal during Active Directory synchronization (not the top-level Active Directory group). |
| Project Active Directory Nested Object Could Not Be Resolved | A warning state for this Monitor indicates that Project Server could not resolve a nested Active Directory object during Active Directory synchronization (not the top-level Active Directory group). |
| Project Active Directory PWA Group Could Not Be Resolved | An error state for this Monitor indicates that during security group synchronization the top-level Active Directory object could not be resolved. |
| Project Server Event Service Could Not Be Found | An error state for this Monitor indicates that the Project Server Eventing Service is unavailable (stopped paused and so on). |
| Project Server Event Handler Could Not Be Found | An error state for this Monitor indicates that a registered event hander for a server side event could not be located. |
| Project General Data Access Layer Error Connecting To Database | An error state for this Monitor indicates that the Data Access Layer attempted but failed to connect to one of the four Project Server databases. |
| Project General Data Access Layer Error While Getting Connection Strings | An error state for this Monitor indicates that the Data Access Layer cannot read information from the configuration database of the SharePoint Foundation 2013 farm. |
| Project Reporting Server Side Event Has Failed | An error state for this Monitor indicates that custom server-side event handler within the Reporting Data Service component has failed. |
| Project SQL User View Refresh Message Was Not Queued | A warning state for this Monitor indicates that queue service or application logic problem has stopped a request to regenerate a SQL view and the view now may be out of date. |
| Project Windows SharePoint Services Format Error | An error state for this Monitor indicates that Issue Risk or Deliverable data from lists defined within each workspace contains data that cannot be stored in its associated Reporting database table. |
| Project User View Was Truncated | A warning state for this Monitor indicates that the Reporting Data Service has recreated the Reporting Database views and the reporting database is configured with more than 1024 columns. |
| Project Workspace User Synchronization Failed | An error state for this Monitor indicates that the synchronization of users from Project Server to the Project Workspace has failed. |
| Project Cube Build Service Decision Support Object Is Not Installed | A warning state for this Monitor indicates that the Cube Build Service requires the DSO component of Analysis Services to be installed. |
| Project Cube Build Service Analysis Services Server Lock Time Out | An error state for this Monitor indicates that Project Server could not get a lock on the Analysis Services database that was generated. |
| Project Cube Build Service OLAP Processing Failure | An error state for this Monitor indicates that after the cube structures are built the Analysis Services server has failed to process the cube. |
| Project Cube Build Service Analysis Services Server Connection Failure | An error state for this Monitor indicates that Project Server failed to connect to the Analysis Services server for building cubes. |
| Project Cube Build Service Attempt To Overwrite Failed | An error state for this Monitor indicates that the Cube Build Service failed to build an Analysis Services database because another Analysis Services database already exists with the same name. |
| Project Notification E-mail Delivery Failed | An error state for this Monitor indicates that the notification e-mail delivery failed because the connection to the SMTP server failed. |
| Project Notification XSLT Transformation Error | An error state for this Monitor indicates that the XSL used to transform XML data in the body of a notification e-mail has failed. |
| Project Winproj Average Time Taken For Project Open | A warning state for this Monitor indicates that the average time taken for a project to open has exceeded the acceptable threshold. |
| Project Winproj Percentage Of Incremental Save To Full Save | A warning state for this Monitor indicates that the percentage of incremental saves to full saves that are occurring has exceeded the acceptable threshold. |
| Project Queue General Percentage SQL Retries Per Day | A warning state for this Monitor indicates that the percentage of SQL retries has exceeded the acceptable threshold for the past day. |
| Project Queue General Percentage SQL Retries Per Hour | A warning state for this Monitor indicates that the percentage of SQL retries has exceeded the acceptable threshold for the past hour. |
| Project Queue Jobs Percentage Jobs Failed Per Day | A warning state for this Monitor indicates that the percentage of jobs that failed in the queue has exceeded the acceptable threshold for the past day. |
| Project Queue Jobs Percentage Jobs Failed Per Hour | A warning state for this Monitor indicates that the percentage of jobs that failed in the queue has exceeded the acceptable threshold for the past hour. |
| Project Queue Jobs Average Wait Time Per Day | A warning state for this Monitor indicates that the average amount of time jobs are waiting in the queue before being processed has exceeded the acceptable threshold for the past hour. |
| Project Failure Creating A Project Workspace | An error state for this Monitor indicates that the asynchronous Project Workspace creation on a project publish through the Queue Service has failed. |
| Project Creating Report Center Web Failed | An error state for this Monitor indicates that the ProjectBICenter could not be created during provisioning. |
| Project WFE App Server Connection Failed | An error state indicates that there was an error connecting to an App Server from the Web Front End. |
| Translation Service Queue Database Not Accessible | A critical state of this Monitor indicates that the Translation Service Queue Database is not accessible. |
| Translation Service Timer Job Failure | A critical state of this Monitor indicates that the Translation Service Timer Job is failing. |
| Translation Service Machine Translation Failure | A critical state of this Monitor indicates that machine translation is failing. |
| Translation Service Not Accessible | A critical state of this Monitor indicates that the Translation Service is not accessible. |
| Translation Service Content Not Accessible | A critical state of this Monitor indicates that the Translation Service cannot access content it needs to translate. |
| Translation Service Worker Failure | A critical state of this Monitor indicates that the Translation Service worker processes are failing. |
| Secure Store Service Application Inaccessible | A warning state of this Monitor indicates that Secure Store service application is not accessible. |
| Secure Store Service Database Exception | A critical state of this Monitor indicates that Secure Store Service application had a database exception. |
| Secure Store Service Master Key Status | A critical state of this Monitor indicates that Secure Store Service application master encryption key was not found. |
| Secure Store Service Credential Encryption Failed | A critical state of this Monitor indicates that Secure Store Service credential encryption process failed. |
| Visio Graphics Service Cannot Find The Configuration Manager | A critical state of this Monitor indicates that the Visio Graphics Service is not configured properly or doesnâ€™t exist. |
| Visio Graphics Service Unable To Connect To The Application Server Returned By The Application Proxy | A critical state of this Monitor indicates that Visio Graphics Service is unable to connect to the application server returned by the application proxy. |
| Visio Graphics Service Failed To Initialize The Rasterizer | A critical state of this Monitor indicates that the Visio Graphics Service failed to initialize the rasterizer. |
| Word Automation Services Queue Database Not Accessible | A critical state of this Monitor indicates that the Word Automation Services Queue Database is not accessible. |
| Word Automation Services Timer Job Inactive | A warning state of this Monitor indicates that the Word Automation Services Timer Job is not running when it should be running. If the Timer Job does not run then Word Automation Services will stop functioning. |
| Word Automation Services Needs To Be Updated | A warning state of this Monitor indicates that the Word Automation Service is encountering files that were created with a newer version of Word. The Word Automation Service needs to be updated. |
| Word Automation Services Third Party PDF Converter Failed | A critical state of this Monitor indicates that the Word Automation Service is unable to convert files to PDF because the 3rd party PDF converter is failing. |
| Word Automation Services Could Not Find Needed Language Pack | A warning state of this Monitor indicates that the Word Automation Service requires a language pack that is not currently installed. An admin needs to install the correct language pack. |
| Word Automation Services Third Party XPS Converter Failed | A critical state of this Monitor indicates that the Word Automation Service is unable to convert files to XPS because the 3rd party XPS converter is failing. |
| Services Host Controller | Services Host Controller |
| Search Analytics: analysis run state search analytics | Search Analytics: analysis run state search analytics |
| Analytics analysis: failed to start - search analytics | Analytics analysis: failed to start - search Analytics |
| Analytics analysis: failed to start warning - search analytics | Analytics analysis: failed to start warning - search analytics |
| search analytics: Timer job cannot resolve Analytics Processing Engine (APE) | search analytics: Timer job cannot resolve Analytics Processing Engine (APE) |
| Search Analytics: Timer job cannot resolve Link database | Search Analytics: Timer job cannot resolve Link database |
| DocParsing: No More Parser Server Workers | DocParsing: No More Parser Server Workers |
| DocParsing: Parser Server Worker Failed to Restart | DocParsing: Parser Server Worker Failed to Restart |
| Query Service: Service availability query processing | Query Service: Service availability query processing |
| Query Service: Unable to stop query processing | Query Service: Unable to stop query processing |
| Index Lookup: Schema service availability query processing | Index Lookup: Schema service availability query processing |
| Query Processing: Query Component Get Configuration | Query Processing: Query Component Get Configuration |
| Query Processing: Query Normalization Schema Service Availability | Query Processing: Query Normalization Schema Service Availability |
| Query Processing: Query Parsing Schema Service Availability | Query Processing: Query Parsing Schema Service Availability |
| Query Processing: QueryParsing Scope Cache Availability | Query Processing: QueryParsing Scope Cache Availability |
| Query Parsing: Scope Cache Availability - Query Processing | Query Parsing: Scope Cache Availability - Query Processing |
| Query Processing: Component Availability - Query Processing | Query Processing: Component Availability - Query Processing |
| Query Service: Start Service Availability - Query Processing | Query Service: Start Service Availability - Query Processing |
| Query URL Mapping: Alternate URL Mapping Service Availability - Query Processing | Query URL Mapping: Alternate URL Mapping Service Availability - Query Processing |
| Schema Reader: Schema Service Availability - Query Processing | Schema Reader: Schema Service Availability - Query Processing |
| Search Gatherer: Disk Full Crawler | Search Gatherer: Disk Full Crawler |
| Crawler: Search Gatherer Host Unavailable | Crawler: Search Gatherer Host Unavailable |
| Search Admin Platform Services: Repository Replication | Search Admin Platform Services: Repository Replication |
| Search Admin Platform Services: Repository Installation Failed | Search Admin Platform Services: Repository Installation Failed |
| Search Admin Platform Services: Repository Initialization Failed | Search Admin Platform Services: Repository Initialization Failed |
| Search Usage Analytics: Usage analytics APE not available | Search Usage Analytics: Usage analytics APE not available |
| Search Usage Analytics: Analysis failed to start | Search Usage Analytics: Analysis failed to start |
| Search Usage Analytics: Analysis configuration failed | Search Usage Analytics: Analysis configuration failed |
| Search Usage Analytics: Reporting API write failure | Search Usage Analytics: Reporting API write failure |
| Search Usage Analytics: Feeding failure | Search Usage Analytics: Feeding failure |
| Search Usage Analytics: Store not available | Search Usage Analytics: Store not available |
| Content Processing: Fallback word breaker did not load | Content Processing: Fallback word breaker did not load |
| Query Processing: Fallback word breaker did not load | Query Processing: Fallback word breaker did not load |
| Content Processing: Query classification dictionary exceeds size limit | Content Processing: Query classification dictionary exceeds size limit |
| Content Processing: Spelling dictionary exceeds size limit | Content Processing: Spelling dictionary exceeds size limit |
| Content Processing: Query classification dictionary close to size limit | Content Processing: Query classification dictionary close to size limit |
| Content Processing: Spelling dictionary close to size limit | Content Processing: Spelling dictionary close to size limit |
| Content Processing: Search Custom Dictionaries Update | Content Processing: Search Custom Dictionaries Update |
| Content Processing: Spelling Dictionary Update | Content Processing: Spelling Dictionary Update |
| Content Processing: Gatherer Content Processing connector | Content Processing: Gatherer Content Processing connector |
| Query Processing: Query classification dictionary update | Query Processing: Query classification dictionary update |
| Query Processing: flow failed to start | Query Processing: flow failed to start |
| Content Processing: flow failed to start | Content Processing: flow failed to start |
| Index: Lost Generations | Index: Lost Generations |
| Index: Missing partition | Index: Missing partition |
| Index Lookup: Missing partition | Index Lookup: Missing partition |
| Index: Indexing Blocked | Index: Indexing Blocked |
| Index: Journal IO Exception Read | Index: Journal IO Exception Read |
| Index: Journal IO Exception Write | Index: Journal IO Exception Write |

# Rules

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| --- | --- |
| Name | Description |
| Access Data Services Failed To Contact Access Application Server | This Rule collects data when a web front end machine was unable to communicate with a specific back end Access Data Services application server. Traffic will be load balanced to another server if one is available. |
| Access Data Services Out Of Memory | This Rule collects data when the backend application server Access Data Services machine runs out of memory. |
| Access Data Services Cannot Create Session Cache | This Rule collects data when the back end application server Access Data Services machine is not able to create an in memory cache for a user session. Users may be unable to use that specific machine for querying data for Access Services applications. |
| Access Data Services Failed To Access Configuration Database | This Rule collects data when the back end Access Data Services application server fails to access the configuration database and may not be able to read or save any settings. |
| Access Data Services Failed To Load Calculation Library | This Rule collects data when Access Services fails to load a required library the calculation library. The server may not be able to process requests. |
| Access Data Services Template File Error | This Rule collects data when an Access template file is missing or when there was an error reading it from the hard disk or the template file wasn't valid. |
| Access Data Services Machine No Longer Available | This Rule collects data when a web front end machine failed to contact a back end Access Data Services machine. All future requests to this Access Data Services machine will likely fail. Traffic may be load balanced to other Access Data Services machines if they exist. |
| Access Data Services Machine Is Not Available | This Rule collects data when no Access Data Services machines are available. All requests for Access Service applications that consume any data will fail. |
| Enterprise Content Management Disk-Based Cache Is Misconfigured | This Rule collects data when Enterprise Content Management Disk-Based Cache is misconfigured. |
| Enterprise Content Management Deployment Failed | This Rule collects data when Enterprise Content Management deployment has failed. |
| Enterprise Content Management Disk Based Cache Is At Critical Capacity | This Rule collects data on Blob Cache Fill Ratio counter to measure the ratio of amount of disk occupied to max disk-based cache size configured. |
| Enterprise Content Management Disk-Based Cache Is Compacting | This Rule collects data on Total Number Of Cache Compactions counter to measure the total number of times the disk-based cache has compacted due to size. |
| Enterprise Content Management Disk-Based Cache Is Flushing | This Rule collects data on Blob Cache Flushes / Second counter to measure the rate at which the disk-based cache is updating due to site changes. |
| Enterprise Managed Metadata Service Is Inaccessible | This Rule collects data when Enterprise Managed Metadata Service is inaccessible. |
| Education Services: Error while communicating with Profile Service | This rule collects data when communication with the profile service has failed because the service is either busy unavailableor cannot be reached |
| Education Services: Error while loading configuration settings | This rule collects data when there was an error while loading configuration settings from the SharePoint configuration database |
| Education Services: Error while communicating with Exchange Web Service | This rule collects data when communication with the Exchange Web Service has failed because the service is busy unavailable or cannot be reached |
| Education Services: Error while communicating with Lync Service | This rule collects data when communication with the Lync Service has failed because the service is busy unavailable or cannot be reached |
| Education Services: Unexpected error while provisioning EDU Site | This rule collects data when provisioning of education sites fails on the WFE |
| Education Services: Out of memory while processing request | This rule collects data when the Web Fronte End machine has run out of memory while trying to process a request |
| Education Services: Unexpected data access layer error | This rule collects data when there was an unexpected error while trying to process a data access layer request |
| Education Services: Email notification delivery failed | This rule collects data when email notifications could not be delivered because the connection to the SMTP server failed |
| Education Site Provisioning: Site Provisioning Job Failed | This rule collects data when there was an unexpected error that prevented the site provisioning job from completing successfully |
| Education Services: Data access request duration High | This rule collects data when the average duration for a data access request exceeds the acceptable threshold |
| Education Site Provisioning: Average Site Provisioning Job Duration High | This rule collects data when the average duration for a provisioning job to complete exceeds the acceptable threshold |
| Education Site Provisioning: Average Site Provisioning Job Wait Time High | This rule collects data when the average wait time for a provisioning job to be executed exceeds the acceptable threshold |
| Excel Calculation Services Error Communicating With Machine | This Rule collects data when the front-end Web server attempts to establish a connection to a specific Excel Calculation Services machine but a communication error occurred. Traffic will be load balanced to another server if one is available. |
| Excel Calculation Services Is Not Running Locally | This Rule collects data when the Excel Services Application load-balancing scheme is configured in Central Administration as local but Excel Calculation Services is not running on the front-end Web server. |
| Excel Calculation Services Not Available | This Rule collects data when Excel Calculation Services is not running on any computer in the farm. |
| Excel Calculation Services Maximum Memory Configured Has Been Exceeded | This Rule collects data when the Excel maximum memory configured for Excel Calculation Services has been exceeded. |
| Excel Calculation Services Machine No Longer Available | This Rule collects data when a web front end machine fails to contact a back end Excel Calculation Services machine. All future requests to this Excel Calculation Services machine will likely fail. Traffic may be load balanced to other Excel Calculation Services machines if they exist. |
| Excel Calculation Services Workbook Disk Cache Cannot Be Created | This Rule collects data when Excel Calculation Services was unable to create the file directory for this cache. Make sure the Excel Calculation Services process has permissions to create this file directory. |
| Excel Calculation Services Unauthorized Attempt To Access A Session | This Rule collects data when a user attempts to access another user's session Excel Calculation Services denies requests made by the user who does not own the session and logs an event in the Windows Event log. |
| Excel Calculation Services Workbook Disk Cache Is Full | This Rule collects data when Excel Calculation Services uses the workbook disk cache to store workbooks that have been previously opened by user request. This error indicates that the workbook cache is full and that there is no space to load a workbook. |
| Excel Calculation Services NULL Access Violation | This Rule collects data when a workbook loaded on Excel Services Application caused a null Access Violation. Multiple different workbooks loaded by the same user which cause this problem can indicate a security violation by that user. |
| Excel Calculation Services Non NULL Access Violation | This Rule collects data when a workbook loaded on Excel Calculation Services caused an access violation that was not null. These access violations are potential security concerns. Multiple different workbooks loaded by the same user which cause this problem can indicate a security violation by that user. |
| Excel Calculation Services Array Out of Bounds | This Rule collects data when a workbook loaded on Excel Calculation Server attempts to overrun the boundary of a memory structure and illegally access data. Multiple different workbooks loaded by the same user which cause this problem can indicate a security violation by that user. |
| Excel Calculation Services Internal Error | This Rule collects data when an unexpected Excel internal error was encountered. |
| Excel Calculation Services Failed To Save Workbook File | This Rule collects data when the back end Excel Calculation Services application server machine failed to save a workbook file. Users may be unable to save their file edits. |
| Excel Calculation Services Unexpected Workbook Failure | This Rule collects data when a workbook session was terminated on the back end Excel Calculation Server due to an unexpected failure. |
| Excel Calculation Services Configuration Database Access Failed | This Rule collects data when the back end Excel Calculation Servers application server failed to access the configuration database and may not be able to read or save any settings. |
| Excel Calculation Services Memory Allocation Failed | This Rule collects data when the back end Excel Calculation Services application server failed to allocate memory. |
| Excel Calculation Services User Defined Function Exception | This Rule collects data when a User Defined Function has thrown an exception. User Defined Functions are custom code that is deployed to the server which can be used by Excel Services Application. Any workbooks that require this User Defined Function may not be calculating properly. The User Defined Function may need to be fixed and redeployed to the server. |
| Excel Calculation Services Localized Template File Not Found | This Rule collects data when the localized template file that is used to create new workbooks by Excel Services Application was not found. The server may be creating new workbooks using a template file of a different locale. This means that uses may be seeing the wrong language displayed when creating workbooks using Excel Services Application. |
| Excel Calculation Services Template File Missing | This Rule collects data when the template file used to create new workbooks by Excel Services Application was not found. Users may be unable to create new workbooks on the server until this is corrected. |
| InfoPath Forms Services Form Templates Have Conflicting Business Logic Assembly Identities | This Rule collects data when conflicting assemblies are identified an entry is logged in the Windows Event log. |
| InfoPath Forms Services Business Logic Exception Occurred While Loading A Form Template | This Rule collects data when a form template cannot be loaded by InfoPath Forms Services due to a business logic exception. |
| InfoPath Forms Services Postback Failure | This Rule collects data when an error occurred while a form request was being processed by InfoPath Forms Services. |
| InfoPath Forms Services Failed To Load A Form Template | This Rule collects data when a form template could not be loaded by InfoPath Forms Services. |
| InfoPath Forms Services Business Logic Exceeded The Maximum Limit Of Operations | This Rule collects data when an error occurred in the business logic of a form. |
| InfoPath Forms Services Business Logic Failed Due To An Exception | This Rule collects data when Business Logic in a form template failed due to an exception. |
| InfoPath Forms Services Business Logic Attempted To Store A Non-Serializable Object | This Rule collects data when InfoPath Forms Services Business Logic attempts to store a non-serialized object. |
| InfoPath Forms Services Business Logic Out Of Memory | This Rule collects data when a memory allocation made by business logic could not be satisfied. |
| InfoPath Forms Services An Illegal Cross-Domain Submit Data Connection Was Attempted | This Rule collects data when a form could not be submitted to a data source by InfoPath Forms Services because this action would violate cross-domain security restrictions. |
| InfoPath Forms Services An Illegal Cross-Domain Query Data Connection Was Attempted | This Rule collects data when a form could not retrieve data from a data source because it would violate cross-domain restrictions. |
| InfoPath Forms Services Form Templates Are Being Reloaded Frequently In Memory | This Rule collects data when Form Templates are being reloaded frequently in memory. |
| User Profile Service Create MySite Failure | This Rule collects data when User Profile fails to create a MySite. |
| User Profile Service Commit User Profile Failure | This Rule collects data when User Profile fails to commit a User Profile. |
| Project Active Directory Connection Failed | This Rule collects data when Project Server could not access the Active Directory. |
| Project Active Directory Exception Occurred During Synchronization | This Rule collects data when Project Server Failed to obtain a reference to an Active Directory Group. |
| Project Active Directory Top-Level Group Has No Members | This Rule collects data when the top-level Active Directory group that is mapped to the Enterprise Resource Pool or a Project Web Access Security Group does not contain any members. |
| Project Active Directory Nested Foreign Security Principal Could Not Be Resolved | This Rule collects data when Project Server could not resolve a nested Active Directory foreign security principal during Active Directory synchronization (not the top-level Active Directory group). |
| Project Active Directory Nested Object Could Not Be Resolved | This Rule collects data when Project Server could not resolve a nested Active Directory object during Active Directory synchronization (not the top-level Active Directory group). |
| Project Active Directory PWA Group Could Not Be Resolved | This Rule collects data when during security group synchronization the top-level Active Directory object could not be resolved. |
| Project Server Event Service Could Not Be Found | This Rule collects data when the Project Server Eventing Service is unavailable (stopped paused and so on). |
| Project Server Event Handler Could Not Be Found | This Rule collects data when a registered event hander for a server side event could not be located. |
| Project General Data Access Layer Error Connecting To Database | This Rule collects data when the Data Access Layer attempted but failed to connect to one of the four Project Server databases. |
| Project General Data Access Layer Error While Getting Connection Strings | This Rule collects data when the Data Access Layer cannot read information from the configuration database of the SharePoint Foundation 2013 farm. |
| Project Reporting Server Side Event Has Failed | This Rule collects data when custom server-side event handler within the Reporting Data Service component has failed. |
| Project SQL User View Refresh Message Was Not Queued | This Rule collects data when queue service or application logic problem has stopped a request to regenerate a SQL view and the view now may be out of date. |
| Project Windows SharePoint Services Format Error | This Rule collects data when Issue or Deliverable data from lists defined within each workspace contains data that cannot be stored in its Risk associated Reporting database table. |
| Project User View Was Truncated | This Rule collects data when the Reporting Data Service has recreated the Reporting Database views and the reporting database is nfigured with more than 1024 columns.The Winproj Average Time Taken For Project Open Counter measures the average time taken (in seconds) for a project to open on a Project Server application server using Office Project Professional 2013. The average time taken for a roject to open is calculated as follows:Average time taken for project to open = Total time taken for all projects to open / total number of times projects were opened. |
| Project Winproj Average Time Taken For Project Open |  |
| Project Winproj Percentage Of Incremental Save To Full Save | The Winproj Percentage Of Incremental Save To Full Save Counter measures the percentage of incremental saves to full saves. The first time a project is created on the Project Server application server from Project Professional it is saved using a full save which means that all of the project data is transmitted and saved in the by default. This is mainly to optimize performance.database used by the Project Server application server. Subsequent saves of the project are saved incrementally |
| Project Cube Build Service Decision Support Object Is Not Installed | This Rule collects data when the Cube Build Service requires the DSO component of Analysis Services to be installed. |
| Project Cube Build Service Analysis Services Server Lock Time Out | This Rule collects data when Project Server could not get a lock on the Analysis Services database that was generated. |
| Project Cube Build Service OLAP Processing Failure | This Rule collects data when after the cube structures are built the Analysis Services server has failed to process the cube. |
| Project Cube Build Service Analysis Services Server Connection Failure | This Rule collects data when Project Server failed to connect to the Analysis Services server for building cubes. |
| Project Cube Build Service Attempt To Overwrite Failed | This Rule collects data when the Cube Build Service failed to build an Analysis Services database because another Analysis Services database already exists with the same name. |
| Project Notification E-mail Delivery Failed | This Rule collects data when the notification e-mail delivery failed because the connection to the SMTP server failed. |
| Project Notification XSLT Transformation Error | This Rule collects data when the XSL used to transform XML data in the body of a notification e-mail has failed. |
| Project Queue General Percentage SQL Retries Per Day | The Queue General Percentage SQL Retries Per Day Counter measures the number of SQL retries per day that the Queue hits when it is trying to read jobs from the Project database or write status back. |
| Project Queue General Percentage SQL Retries Per Hour | The Queue General Percentage SQL Retries Per Hour Counter measures the number of SQL retries per hour that the Queue hits when it is trying to read jobs from the Project database or write status back. |
| Project Queue Jobs Percentage Jobs Failed Per Day | The Queue Jobs Percentage Jobs Failed Per Day Counter measures the percentage of jobs that failed in the queue of a specific Project Server application server.This percentage is calculated as follows:% jobs failed = Total number of jobs that failed / Total number of jobs processed. |
| Project Queue Jobs Percentage Jobs Failed Per Hour | The Queue Jobs Percentage Jobs Failed Per Hour Counter measures the percentage of jobs that failed in the queue of a specific Project Server application server over the past hour. This percentage is calculated as follows:% jobs failed = Total number of jobs that failed during the past hour / Total number of jobs processed during the past hour. |
| Project Queue Jobs Average Wait Time Per Day | The Queue Jobs Average Wait Time Per Day Counter measures the the amount of time that jobs are waiting in the queue (on average) before being processed. |
| Project Workspace User Synchronization Failed | This Rule collects data when the synchronization of users from Project Server to the Project Workspace has failed. |
| Project Creating Report Center Web Failed | This Rule collects data when the ProjectBICenter could not be created during provisioning. |
| Project Queue System Restarting Due To Unexpected Error | This Rule collects data when the Queue System is forced to restart due to an unexpected error. |
| Project Failure Creating A Project Workspace | This Rule collects data when the asynchronous Project Workspace creation on a project publish through the Queue Service has failed. |
| Project WFE App Server Connection Failed | This rule will collect the data for the Project WFE App Server Connection Failed monitor. This monitor indicates failure in a connection between an App Server and the Web Front End. |
| Event Log Flooding Protection Activated | This Rule collects data when Event Log Flood Protection was activated because an event was fired more than 5 times in 2 minutes. |
| Visio Graphics Service Requested Data From An Non-Trusted Provider | This Rule collects data when Visio Graphics Service tried to get data from a provider that is not in the trusted provider's list. |
| Visio Graphics Service Was Unable To Connect To A Requested Data Provider | This Rule collects data when Visio Graphics Service was unable to connect to a requested data provider. |
| Visio Graphics Services Failed To Initialize The Rasterizer | This Rule collects data when the Visio Graphics Service failed to initialize the rasterizer. |
| Visio Graphics Services Can't Find Configuration Manager | This Rule collects data when the Visio Graphics Service can't find the configuration manager. |
| Visio Graphics Services Can't Connect To The Application Server | This Rule collects data when the Visio Graphics Service can't connect to the application server. |