



AWS Extended Services PowerPack Release Notes

Version 101

Overview

Version 101 of the *AWS Extended Services* PowerPack adds support for new AWS services and adds new icons.

- **Minimum Required SL1 Version:** 10.2.0
- **Minimum Required Amazon Web Services PowerPack Version:** 123

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Before You Install or Upgrade

Ensure that you are running version 10.2.0 or later of SL1 before installing *AWS Extended Services* version 101.

NOTE: For details on upgrading SL1, see the appropriate [Release Notes](#).

If your SL1 system is not currently running version 10.2.0 or later, you must upgrade to 10.2.0 or later as part of the upgrade process for version 101 of the PowerPack.

Ensure that you have installed the latest version of the *Amazon Web Services* PowerPack.

Additionally, the Data Collectors used to monitor the AWS account must be running the Oracle Linux 7.2 operating system.

Installing the PowerPack

To install version 101 of the *AWS Extended Services* PowerPack, perform the following steps:

To install this PowerPack:

1. Familiarize yourself with the [Known Issues](#) for this release.
2. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the 10.2.0 or later release.
3. Download the "AWS Extended Services" version 101 PowerPack from the Support Site to a local computer.

4. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. When prompted, import "AWS Extended Services" version 101.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

For more information about using the PowerPack, see the **Monitoring Amazon Web Services** manual.

Features

Version 101 of the *AWS Extended Services* PowerPack includes the following features:

- Dynamic Applications that discover, model, and collect data from the AWS services
- Devices Classes for each type of AWS device monitored
- The following Content Libraries:
 - aws_explorer 0.3.7d
 - boto3 1.17.112
 - content 1.3.11d
 - recordreplay 2.1.8d
 - silo_apps 3.1.4
 - silo_aws 6.6.8d
 - silo_aws_args 1.4.9d
 - silo_credentials 1.0.19
 - silo_snippet 0.1.1d
 - silo_vmware 3.3.4d
 - urllib3 1.25.11

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 101 of the *AWS Extended Services* PowerPack:

- Added the following Dynamic Applications:
 - AWS: AppRunner Instance Discovery
 - AWS: AppRunner Service Performance
 - AWS: AppSync GraphQLAPI Performance
 - AWS: AppSync Instance Discovery

- AWS: AppSync Performance
- AWS: CloudHSM Cluster Performance
- AWS: CloudHSMV2 Instance Discovery
- AWS: CloudWatch Synthetics Canary Discovery
- AWS: CloudWatch Synthetics Canary Performance
- AWS: DAX Cluster Performance
- AWS: DAX Instance Discovery
- AWS: Glue Instance Discovery
- AWS: Glue Job Performance
- AWS: Kafka Instance Discovery
- AWS: Kinesis Data Firehose Delivery Stream Discovery
- AWS: Kinesis Data Firehose Delivery Stream Performance
- AWS: Kinesis Stream Discovery
- AWS: Kinesis Stream Performance
- AWS: Kinesis Video Stream Discovery
- AWS: Kinesis Video Stream Performance
- AWS: MSK (Kafka) Cluster Performance
- AWS: Transfer Server Discovery
- AWS: Transfer Server Performance
- AWS: WorkMail Organization Discovery
- AWS: WorkMail Organization Performance
- Added device icons for the new services monitored

Known Issues and Workarounds

The following known issues affect version 101 of the *AWS Extended Services PowerPack*:

- The "AWS: WorkMail Organization Discovery" Dynamic Application will discover all organizations independently of their state. For example, a WorkMail organization with a state of "Deleted" will appear as a component device.
- The AWS Kinesis Data Firehose service will be discovered even if the source is only Direct PUT. However, instances will be discovered only for Amazon Kinesis Data Streams.
- The PowerPack currently supports only provisioned Kafka clusters. Serverless clusters aren't returning information on the current version of Boto3.

- The PowerPack is not using the job execution ID to filter metrics from the AWS Glue service. It is instead using the reserved word "ALL", allowing SL1 to collect data from multiple job executions on the same metric.
- To prevent the discovery of DocDB and Neptune databases inside regional RDS services, which will not collect data or align Dynamic Applications, do not enable new permissions for services in this PowerPack before installing version 123 of the *Amazon Web Services* PowerPack.
- The "AWS: Connect Performance" Dynamic Application does not collect any metrics in version 100. Data collection for the collection objects will be implemented in the next release.
- The "AWS: Athena Workgroup Performance" Dynamic Application collects data only for the "Processed Bytes - Sum" collection object. Collection for the remainder of the collection objects will be implemented in the next release.

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