

NetBrain® Integrated Edition R12.1 GAL Library Installation Guide

Contents

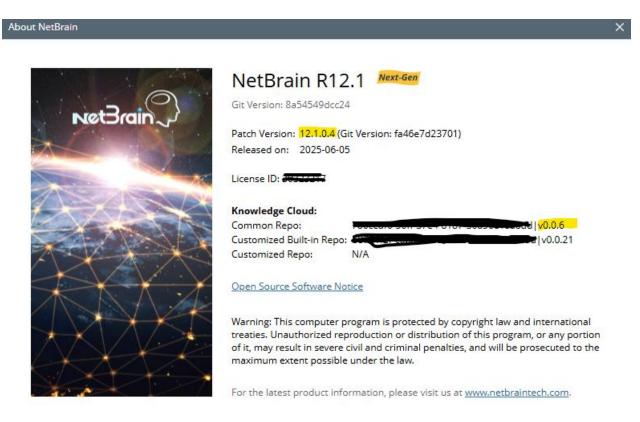
GAL Library Installation		3
	equisites for Installing the GAL Library from Knowledge Cloud (KC)	
	Il the Offline Library from the Intent-Based Automation Center	
Insta	Il the library from the Intent Based Automation Center	4
Gene	rate Golden Assets from Golden Engineering Studio	8
1.	Golden Assessment Library	
2.	Config Rule Discovery Using Network Feature Explorer	

GAL Library Installation

Pre-requisites for Installing the GAL Library from Knowledge Cloud (KC)

Before a customer can install the Golden Assessment Library (GAL) from the Knowledge Cloud (KC), the following pre-requisites must be met:

- 1. The NetBrain Integrated Edition (IE) version must be 12.1.0.3 or higher.
- 2. If GAL v1.0 is already installed, it must be uninstalled before proceeding with the installation of GAL v2.0.



Copyright © NetBrain Technologies, Inc. All rights reserved.

(Optional) Import the Offline Library through the Intent-Based Automation Center

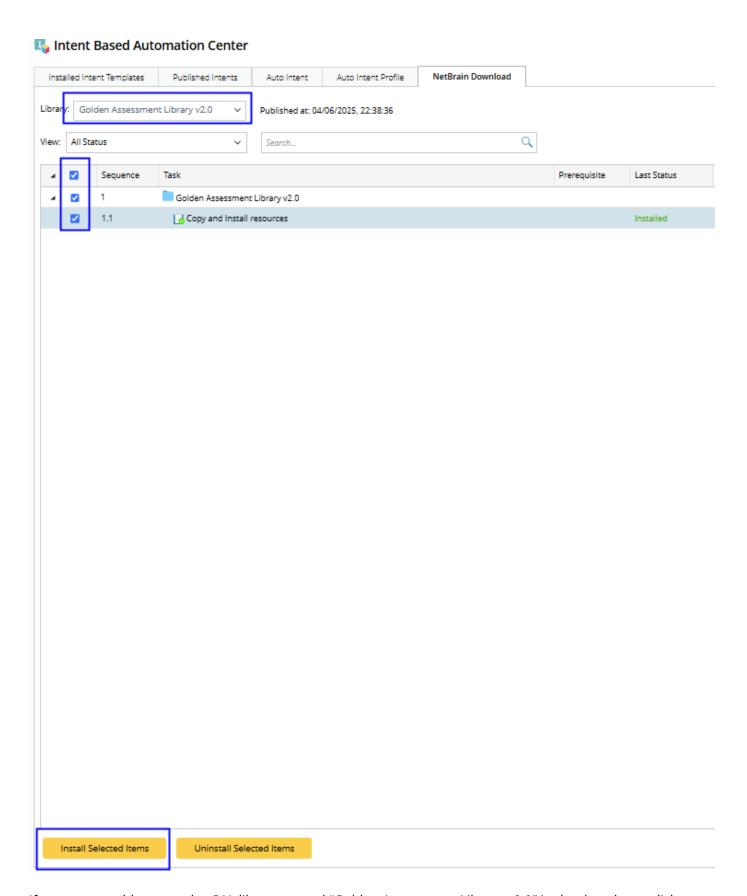
Import the Offline Library package from IBA Center in case the customer does not have internet access.



Once the above prerequisites are met and the offline library is imported, the library should be visible in the Intent-Based Automation Center Center → NetBrain Download Section, Under "Library:" Dropdown with "(Manually)" Suffix.

Install the library from the Intent Based Automation Center

Once above pre-requisites are met, we should be able to see the library in the Intent Based Automation Center → NetBrain Download Section, Under "Library:" Dropdown



If you are not able to see the GAL library named "Golden Assessment Library v2.0" in the dropdown, click on the hamburger icon to right and click on "Check New Library" – this will take a while and fetch the GAL Library from KC.

Once the library is available in the NetBrain Download section, proceed to "Copy and Install" the resources that may be relevant to the customer's interests.

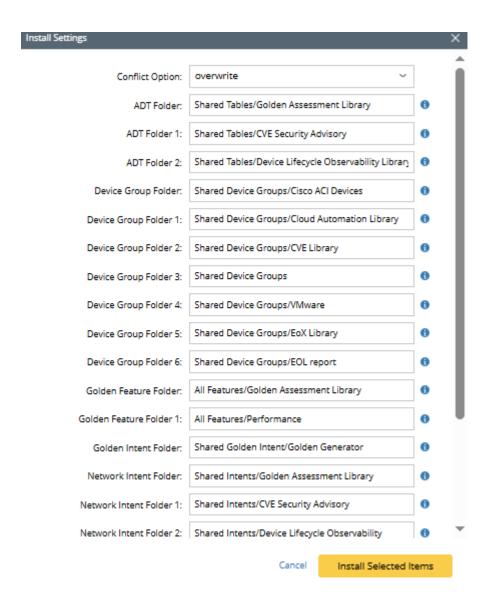
To help you select the appropriate Assessment Rules based on customer requirements, refer to the description panel on the right side of each installable resource. This section provides a list of the Assessment Rules that will be installed with the selected package.

Description: Golden Assessment Library v2 - Overview Golden Assessment Library v2 (GAL v2) delivers comprehensive assessment coverage by evaluating both configuration design consistency and critical operational health indicators Building on the foundation of GAL v1, this release enhances support for hybrid and multi-vendor environments, offering broader insight and deeper visibility into modern enterprise networks. What's New in GAL v2 End users will now see an expanded set of Assessment Rules automatically installed in their Golden Engineering Studio, enabling them to evaluate network design adherence and operational health across a wide range of supported devices. GAL v2 introduces two key capabilities: 1. Assessment Rules Evaluate the operational health of various device types and network features, ensuring consistent performance and early detection of issues. Analyze configuration design consistency, detect deviations from standards, and promote best practices across your infrastructure. Supported Device Types and Capabilities Device Type Config Rule Discovery Golden Assessment Cisco IOS Switch Y ✓ Cisco Router Y ✓ Cisco IOS XR \checkmark 1 Cisco NX-OS Juniper JunOS Y ✓ Arista Palo Alto Firewall ~ \checkmark Checkpoint Firewall ~ 1 Cisco ACI ✓ Cisco Viptela SD-WAN ~ VMware VeloCloud Microsoft Azure ✓.

✓

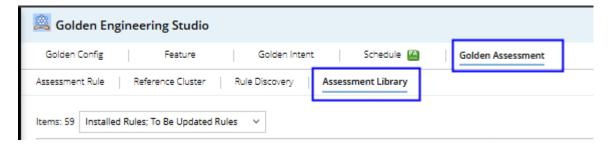
Amazon AWS Key Benefits

- Broader multi-vendor coverage for real-world hybrid network environments
- 2. Design-driven assessments to enforce configuration standards
- 3. Operational visibility through automated rule checks and alerts
- 4. Scalability and extensibility to support diverse device types and cloud platforms



Conflict Option helps you decide to "overwrite" or "skip" the intents that are already present in the ADT Folder, Device Group Folder, Golden Feature Folder, Golden Intent Folder, Network Intents folder, Reference Cluster Folder.

Once you click on "Install Selected Items" and after the installation is complete - all the assessment rules will now be available in Golden Engineering Studio →Golden Assessment → Assessment Library.

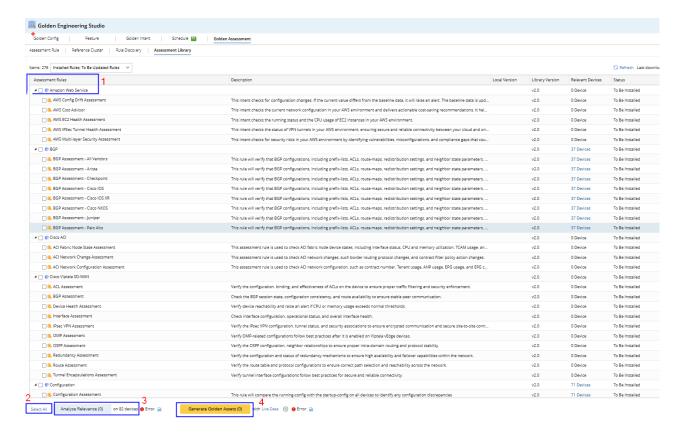


Generate Golden Assets from Golden Engineering Studio

1. Golden Assessment Library

The Golden Assessment Library enables you to install Assessment Rules for various features on relevant network devices. Follow the steps below to ensure accurate deployment:

- 1. Select the required features and Assessment Rules to be installed. You may also choose to select all features and rules if applicable.
- 2. Click *Analyze Relevance* to evaluate the applicability of each selected rule across all managed devices.
- 3. After the analysis is complete, select only those rules/features that have relevant devices.
- 4. Click *Generate Golden Assets* to create and deploy the corresponding Assessment Rules on the matched devices.



2. Config Rule Discovery Using Network Feature Explorer

The Config Rule Discovery process uses the built-in plugin Network Feature Explorer to identify applicable configuration rule templates. Follow the steps below to discover and install the rules:

- 1. Click the *Rule Discovery* tab.
- 2. Click Discover Rules to initiate the discovery of configuration rule templates.
- 3. Once the discovery process completes, click *Select All* to choose all the discovered templates.

- 4. Click Add to move the selected rules to the Assessment Rules list.
- 5. Select the relevant rules based on customer requirements or choose Select All to include all available config rules.
- 6. Click Build Assessment Rules to finalize and install the selected rules.

