



Product Brief: Advanced Object Handler for the Tufin Orchestration Suite

Multi-Vendor, multi-database, platform independent, firewall object central management

The G2DA Advanced Object Handler is a plug in software module to the Tufin Orchestration Suite Pro-Services framework that is designed to easily identify and normalize both service and network object groups that are inconsistent across firewall object databases. It is also designed to facilitate the provisioning of both service and object groups out to requisite firewalls.

Highlights and Benefits

- Works with Service groups – an industry first!
- Provision Service and Network Group Objects in bulk
- Compare and modify objects that should be identical across multiple platforms
- Combine with the G2 Risk Assessment Module to calculate risk associated with any object change

Display, compare and correct group objects that should be identical across all FW databases

Displayed below is the “mail_services” service object group on the GNS ASA 1 and Palo FW 1 firewalls. Notice that the group on Palo FW 1 contains the service tcp 465 while the same group object on GNS ASA 1 does not. Deploying these services inconsistently over these two firewalls could create an undesirable result.

The screenshot shows the G2 Advanced Object Handler interface. At the top, there are fields for 'New Group Name', 'Select option', and 'Save State ID'. Below these are buttons for 'Add Group', 'Add existing service to groups', and 'Save State'. A dropdown menu shows '22' and 'tcp'. There are also fields for 'Description' and 'Add port/protocol service to groups'. A 'Match Groups to Selected' button is present.

The main interface is divided into three columns:

- Firewall Name Filter:** A list of firewalls: ASA v, GNS ASA 1, and Palo FW 1.
- Group Name Filter:** A list of service groups: DM_INLINE_SERVICE_1, DM_INLINE_SERVICE_2, file_transfer, mail_services, msft_services, remote_access, and web_services.
- mail_services comparison:**
 - Palo FW 1:**
 - "465" - tcp 465 : ""
 - "587" - tcp 587 : ""
 - "smtp" - tcp 25 : "Simple Mail Transport Protocol"
 - "pop3" - tcp 110 : "Post Office Protocol - Version 3"
 - GNS ASA 1:**
 - "587" - tcp 587 : ""
 - "smtp" - tcp 25 : "Simple Mail Transport Protocol"
 - "pop3" - tcp 110 : "Post Office Protocol - Version 3"

On the right side, there are buttons for 'Generate Commands' and 'Provision'.

“Match groups to selected” automatically replicates and normalizes missing elements in all desired groups by easily adding or removing elements across many different devices at a time. In this example, tcp 465 is added to the mail_services group on GNS ASA 1.

The screenshot shows the "Match Groups to Selected" interface. On the left, under "Firewall Name Filter", "GNS ASA 1" is selected. The "Group Name Filter" is empty. The central list of groups includes "mail_services" (highlighted in yellow). On the right, the "Match Groups to Selected" panel shows the configuration for "GNS ASA 1", where the entry "465" - tcp 465 : "" is highlighted in green, indicating it has been added to the selected group.

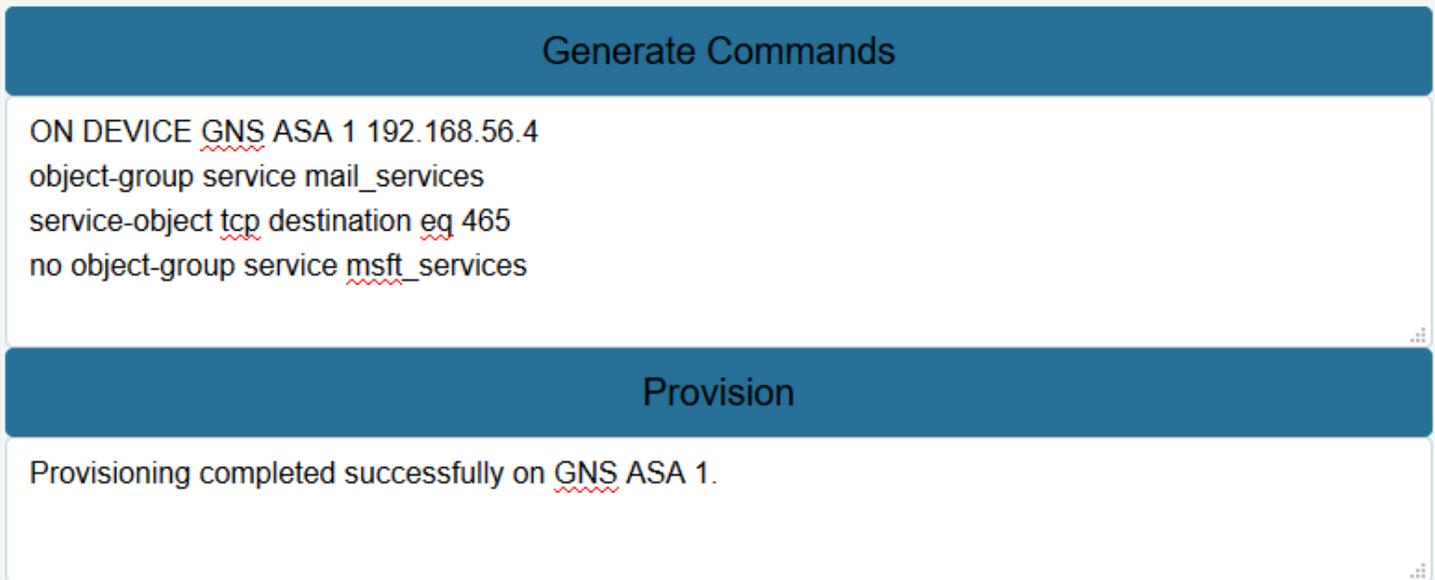
Add or remove groups in bulk

Entire groups can be added and removed from all selected devices at once. In the following example, the requested change removes the “remote_access” group for all selected devices and adds the “new_services” group to those devices.

The screenshot shows the "Match Groups to Selected" interface with "GNS ASA 1" selected. The central list of groups shows "remote_access" (highlighted in red) and "new_services" (highlighted in green). Red arrows point to these groups. On the right, the "Match Groups to Selected" panel shows the configuration for "GNS ASA 1", where the entry "22" - tcp 22 : "" is highlighted in green, indicating it has been added to the selected group.

Provision changes directly or through SecureChange

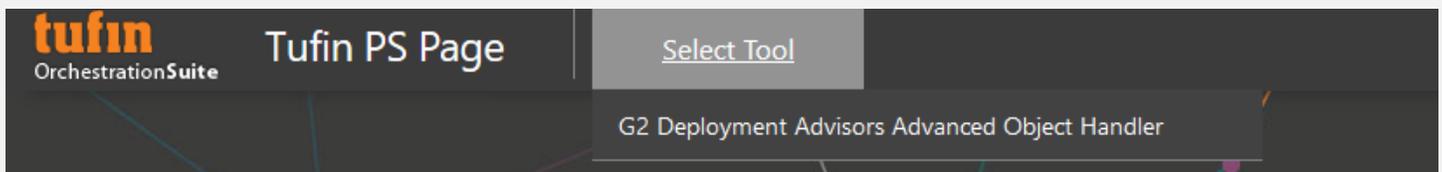
Use the “Generate commands” feature to display all device commands necessary to provision that change on the devices needing a change. Provision changes directly from the advanced object handler, or automatically as part of a Tufin SecureChange workflow step.



The screenshot displays two sequential steps in a workflow. The first step, titled "Generate Commands", shows a list of network configuration commands for a device named "GNS ASA 1" with IP "192.168.56.4". The commands are: "object-group service mail_services", "service-object tcp destination eq 465", and "no object-group service msft_services". The second step, titled "Provision", shows a confirmation message: "Provisioning completed successfully on GNS ASA 1." Both steps are presented in a clean, white interface with blue headers and a light blue background.

Modular and easy to deploy

The Advanced Object Handler is loaded as a fully integrated component of the Tufin Pro-Services infrastructure and accessed directly through the PS landing page. It can be seamlessly combined with the G2 Risk Assessment Module which further enhances functionality by calculating the compliance risk associated with any object change across all access control policies.



The screenshot shows the Tufin PS Page interface. On the left, the Tufin logo and "Orchestration Suite" are visible. The main header area contains "Tufin PS Page" and a "Select Tool" button. Below the header, the text "G2 Deployment Advisors Advanced Object Handler" is displayed. The interface is dark-themed with white and light blue text.

For more information on how to purchase and implement the G2 Advanced Object Handler, please email info@g2da.com or call 617-834-5365.

G2DA Overview

G2 Deployment Advisors is a premier cyber security consulting firm, integrator, and solution provider. We are a Gold Tufin partner with more continuous Tufin Orchestration Suite deployment experience than any other provider in the Americas. G2DA serves all major business verticals, and specializes in change automation, process design, and continuous compliance for both industry regulated and custom policy controls. Please visit www.g2da.com