adaptiva

Adaptiva Green Planet User Guide

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What is Adaptiva Green Planet?

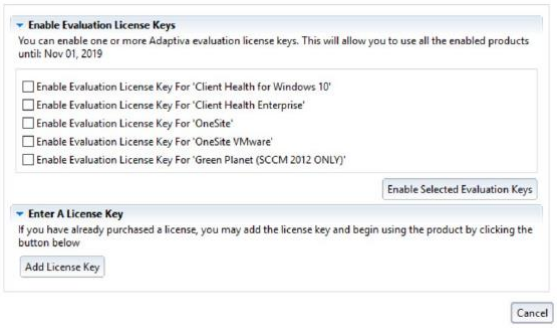
Green planet provides peer to peer Wake on LAN (WOL), Load Leveling and Service Window functionality for SCCM. The Load Leveling features dramatically reduce peak load on your SMS Servers and your network infrastructure, while the Service Windows allow you to perform potentially disruptive operations such as patch deployments and software installations outside of normal business hours.

Deep integration with a built-in Wake on LAN ensures that clients are automatically powered on exactly when they are assigned to perform an SCCM operation, such as inventory, software distribution, or patching.

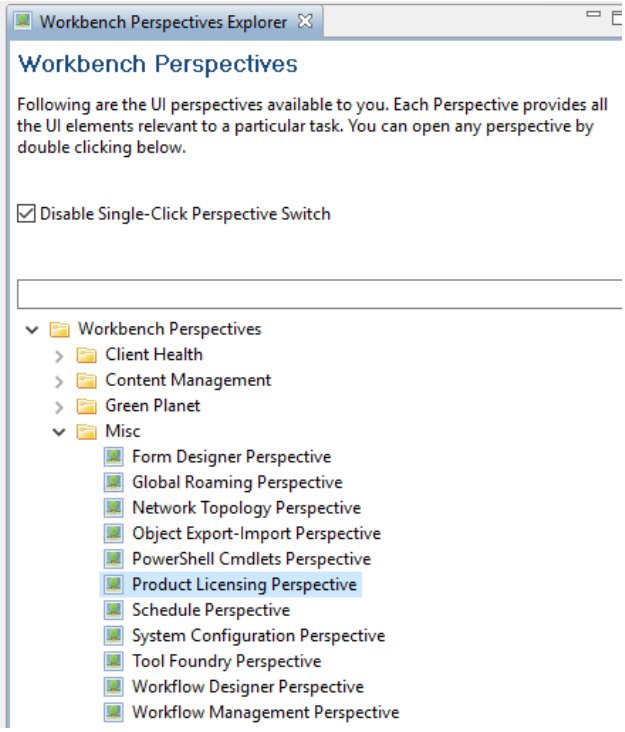
Instant client actions allow you to remotely perform policy polling, inventory collection, and other SMS tasks using simple point and click. Integration with Wake on LAN means that the target clients will automatically power up, perform the specified actions, and go back to sleep after performing necessary actions.

Enable Green Planet License

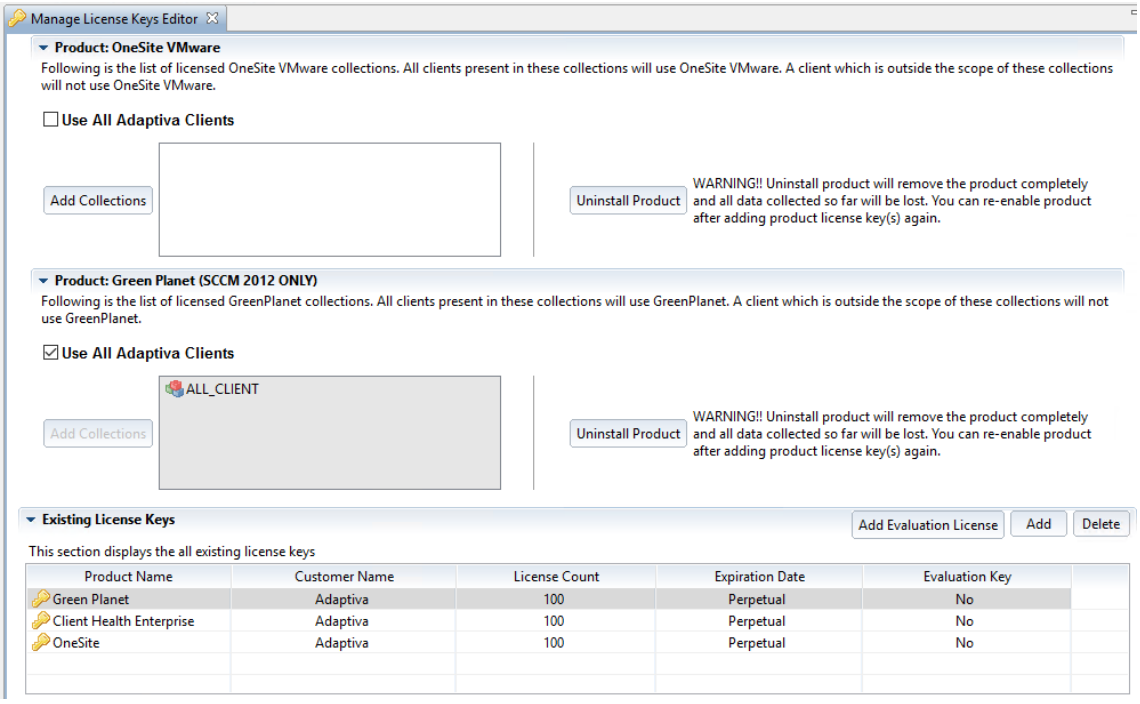
The Adaptiva server comes with a free 30 trial of all of our products. After the initial install, upon launching the Adaptiva Workbench for the first time, there will be a prompt to enable either the Evaluation License, or to Add a License Key.



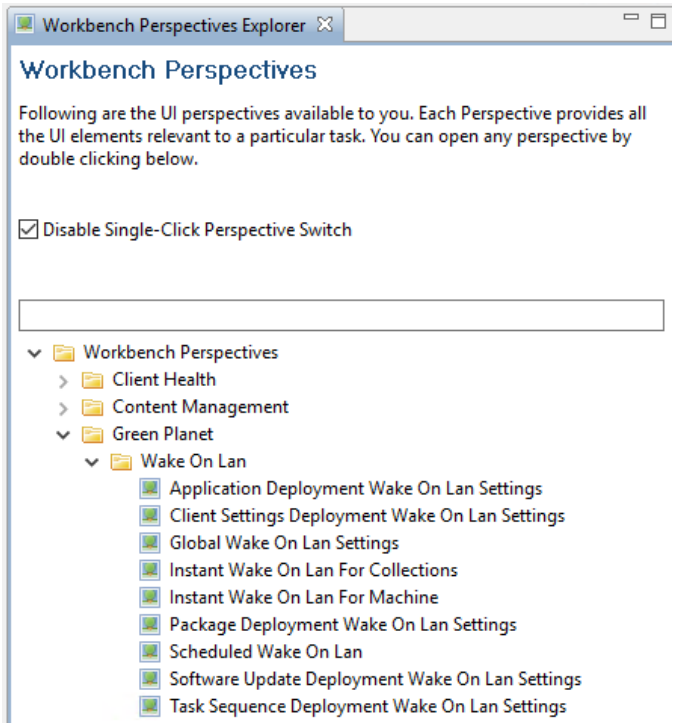
If the Adaptiva server is already setup, under the Misc directory in the Workbench Perspectives Explorer, you will find the Product Licensing Perspective.



In the Manage License Keys section, here you will find the option to Add a license key, or Add an Evaluation License, as well as selecting to enable the Green Planet product, to either All Adaptiva Clients, or to specify a collection on which to apply the license for Green Planet.



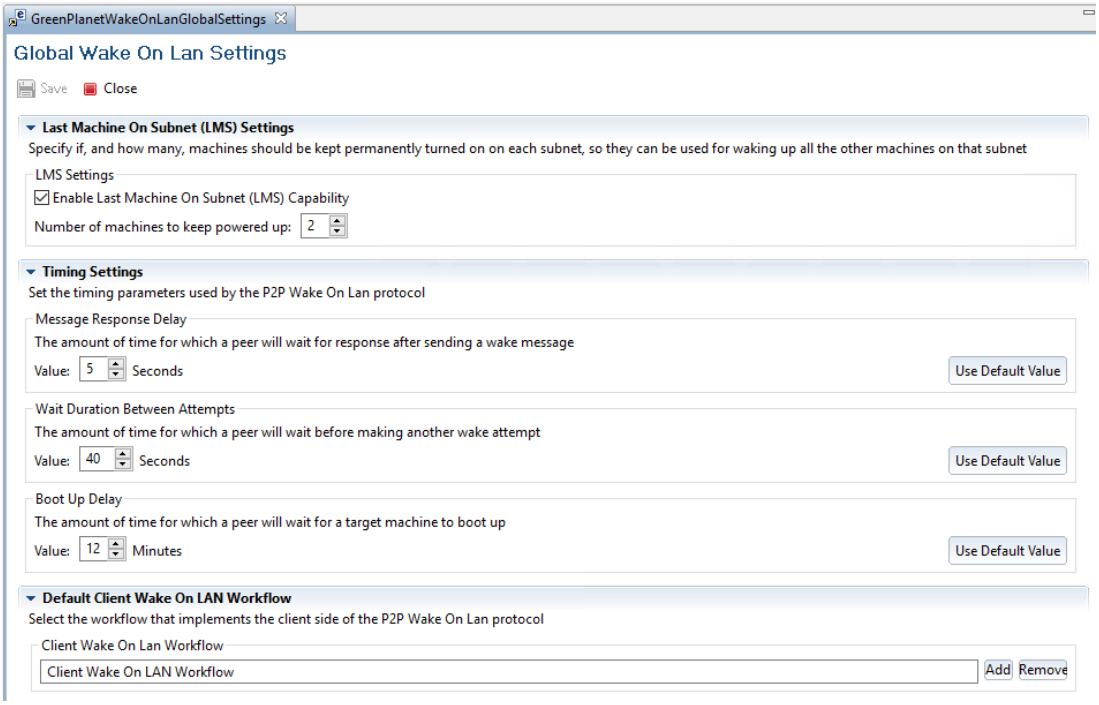
Once the license is enabled, going back to the home Workbench Perspectives Explorer, you will now find the Green Planet Perspectives.



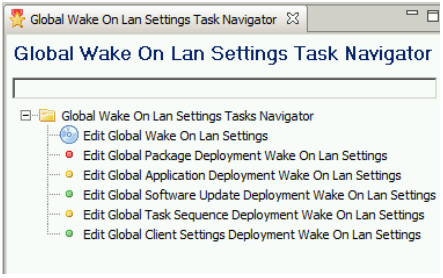
Configuring Global Wake On LAN Settings

Start in the Global Wake on LAN settings Workbench perspective, and edit the Global Wake on LAN Settings.

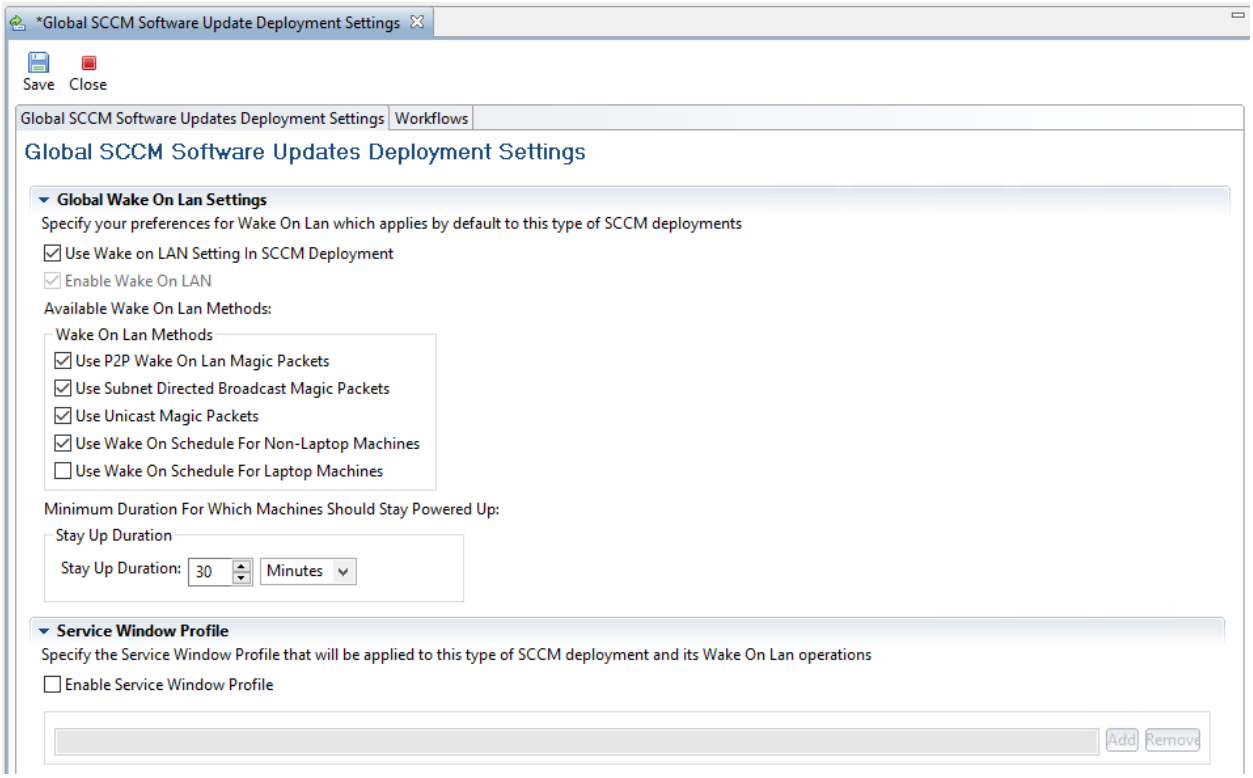
Most important consideration here is to enable at least one Last Machine on Subnet, though 2 is recommended for redundancy.



Within the Global Wake on LAN Settings perspective, you also have settings for each type of SCCM content, where you can apply different configurations if you would like based on the deployment type in SCCM;



Go into each of these to configure how to leverage WOL for each content. Each setting will have these options;



Start with checking Enable Wake On LAN, and Use Wake on LAN Setting In SCCM Deployment. This allows Adaptiva Green Planet to handle the WOL function when you select to use WOL in an SCCM deployment.

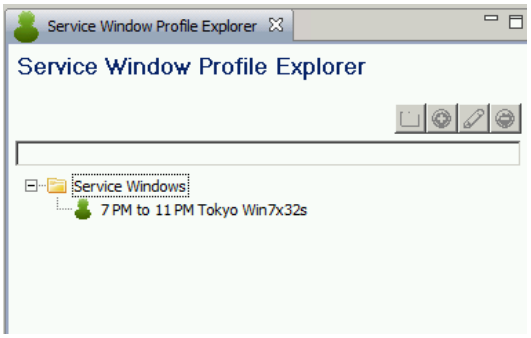
Then simply chose your WOL methods. You can chose more than one.

- Use P2P Wake On Lan Magic Packets is required if you want to utilize peers sending magic packs to perform the WOL.
- Use Subnet Directed Broadcast Magic Packets is recommended, as this will direct a peer on the last known subnet for the device to broadcast the magic packs to wake the device(s).
- Use Unicast Magic Packets is recommend if there are vLANs in an environment, where broadcast messaging is not allowed.
- Wake on Schedule is a great option, as this option does not have a reliance on WOL magic packs from another device. Of note though, this option only works if a machine is in sleep or hibernate mode, where if the machine has received a policy before going down, so our client can create the wake schedule with the chip set.

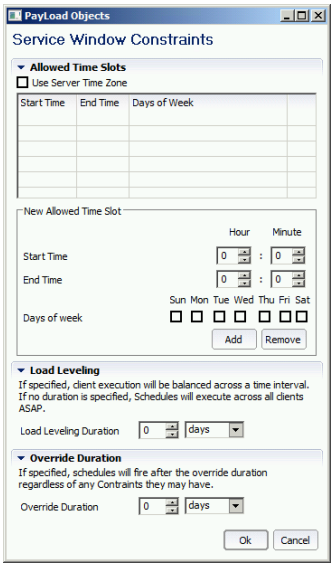
Of note, wake on schedule can be configured for non-laptop and or laptop machines. Many customers do not wish to utilize this option for laptops, due to concerns of a laptop being in a computer bag, or a confined environment, where over heating could be an issue.

Configure Service Windows

If you want to use service windows, these can be created in the Service Window Profile Explorer.



Click on Service Windows, and select to create new, which brings up the Service Window Profile Editor, from which you can launch the Service Window Constraints.

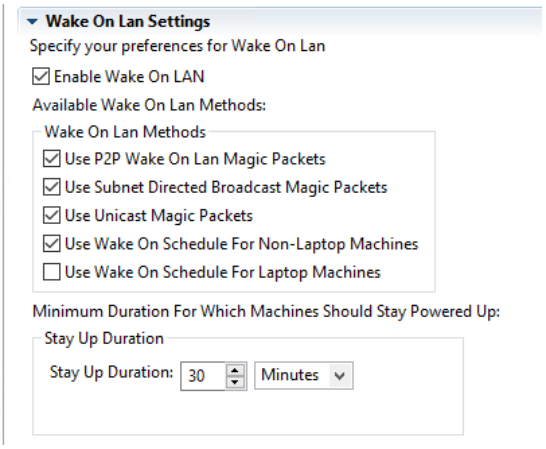


Here you can define the allowed time slots, days of the week, as well as load leveling and override duration settings.

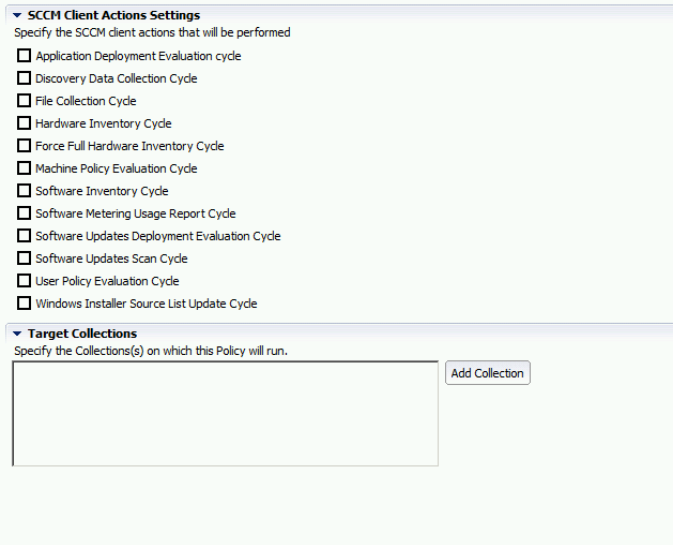
Configure Instant or Scheduled Wake on LAN for SCCM client actions

In the Workbench, you can also setup an instant WOL job for a specific machine or SCCM collection, and scheduled WOL jobs targeting a SCCM collection.

These instant WOL policies have the same option available for wake methods as for the SCCM deployments. Of note, wake on schedule would only work for scheduled policies, and not instant policies.



These jobs can be set to wake up computers to run the following actions, and can be targeted to specific collections using the Add Collection button as shown below;



Or when in the Instant Wake On Lan For Machine perspective, there is the option to filter for a machine name in the Machine Explorer, and drag and drop this to the policy form under the ClientID field.