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# Genesys Rules System Overview

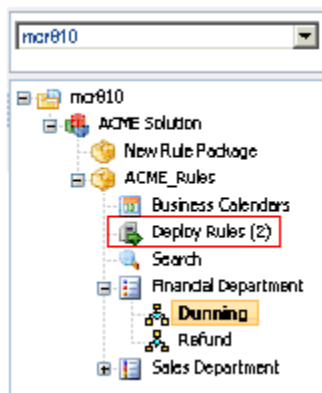
Rule Deployment

# Rule Deployment

Once you have created all the necessary rules in a rule package, you can deploy the rule package (+DETAIL) to either a single GRE or to a cluster of GREs. Once the package is deployed, it can be invoked by a client.

Rule package deployment is done using GRAT, and is independent of the individual solutions deployment features. So, you can deploy a new version of a rule package for a Genesys solution without having to redeploy the entire solution.

When a rule is created or edited and it has not been deployed, there is a checkmark in the **Pending Deployment** column of the rule. In addition, when a rule package requires deployment or redeployment, there will be a visual indication next to the **Deploy Rules** node in the GRAT navigation tree, under the rule package itself.



The deployment process (whether you choose to deploy immediately or to schedule the deployment for later) attempts to compile the rule package and informs you of the result via the **Deployment Pending** pop-up message. You can check on the status of your deployment by looking at the **Deployment History** tab, which will now show a new status of Pending. When deployment is in pending status, you will not be able to cancel or undo it.

This process enables you to correct any errors before deployment. In addition, if you attempt a deployment that would duplicate either;

- An already scheduled deployment or;
- An attribute of an already scheduled deployment, such as;
  - The same rule package
  - For the same snapshot
  - For the same destination server/cluster

an appropriate message is displayed. You can then either change the attributes of your deployment, or go to **Deployment History** and change/delete the scheduled deployment.

To use the deployment screen, you must have deploy permissions set up in Genesys Administrator.

|+DETAIL Deploying Rules Packages|