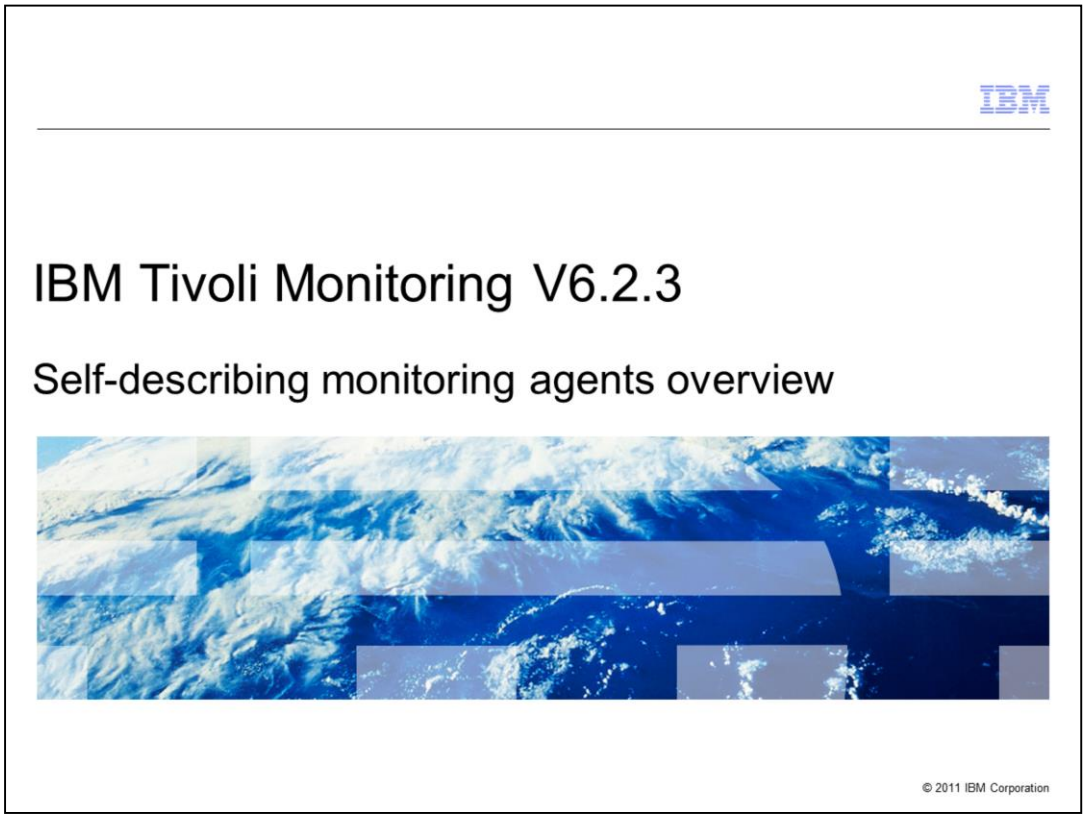
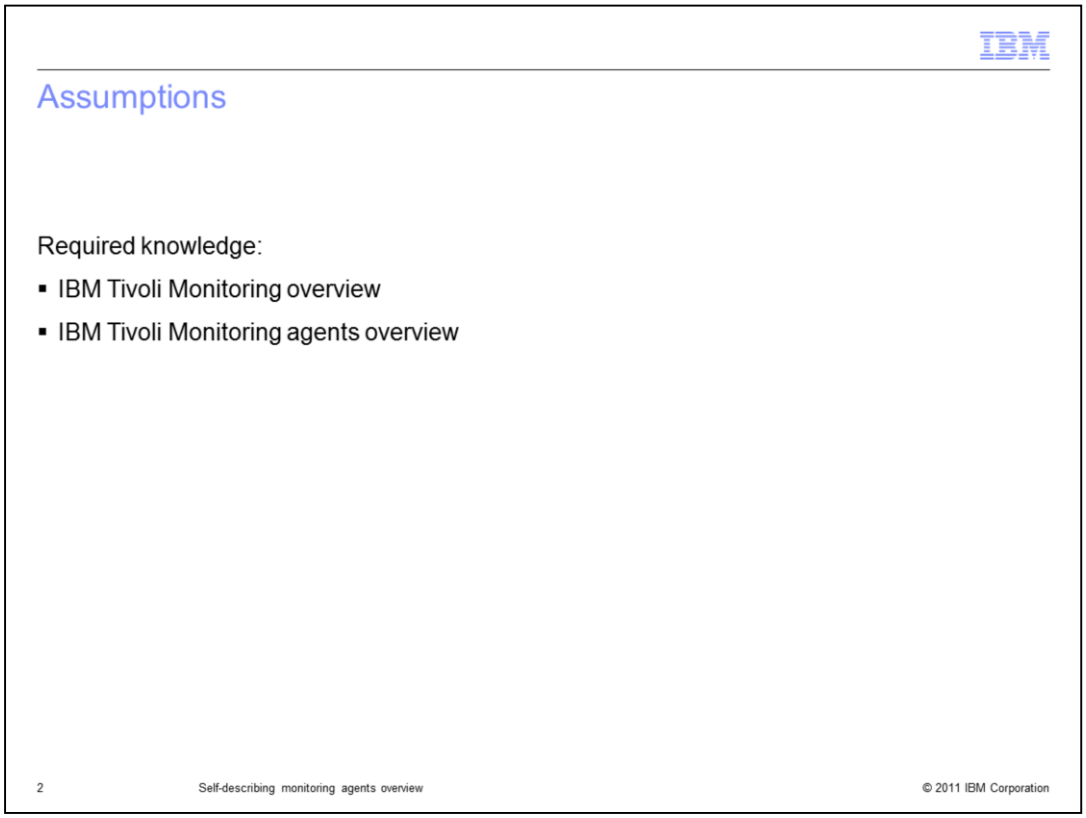



IBM Tivoli® Monitoring version 6.2.3 introduces a new feature called self-describing monitoring agents. This module gives you a brief introduction to this feature.

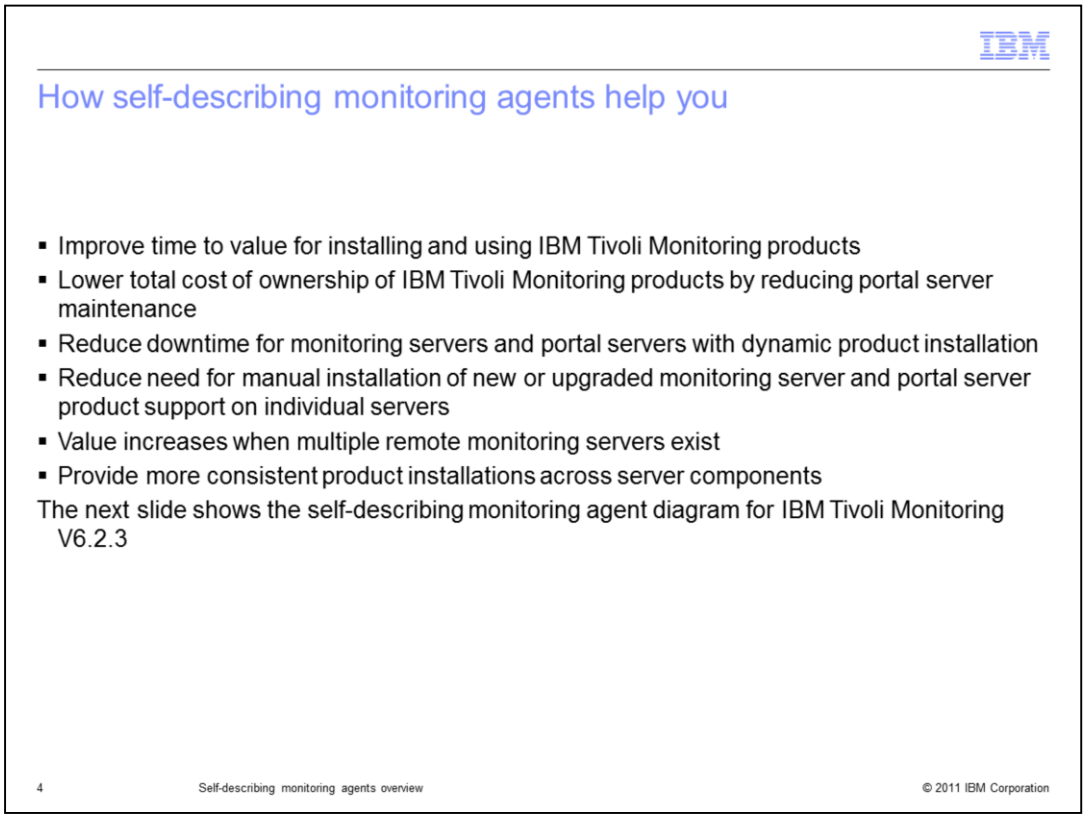



Assumptions.

Before you proceed with this module, know that the designers assume that you have at least overview knowledge of IBM Tivoli Monitoring and its agents.

When you have completed this module, you can perform these tasks:

- List the features of the IBM Tivoli Monitoring V6.2.3 self-describing monitoring agents
- List how self-describing monitoring agents can reduce operating costs




How self describing agents help you.

The self-describing monitoring agent feature improves your time to value for installing and using IBM Tivoli Monitoring products.

It lowers your total cost of ownership of IBM Tivoli Monitoring products, reducing maintenance for the portal server.

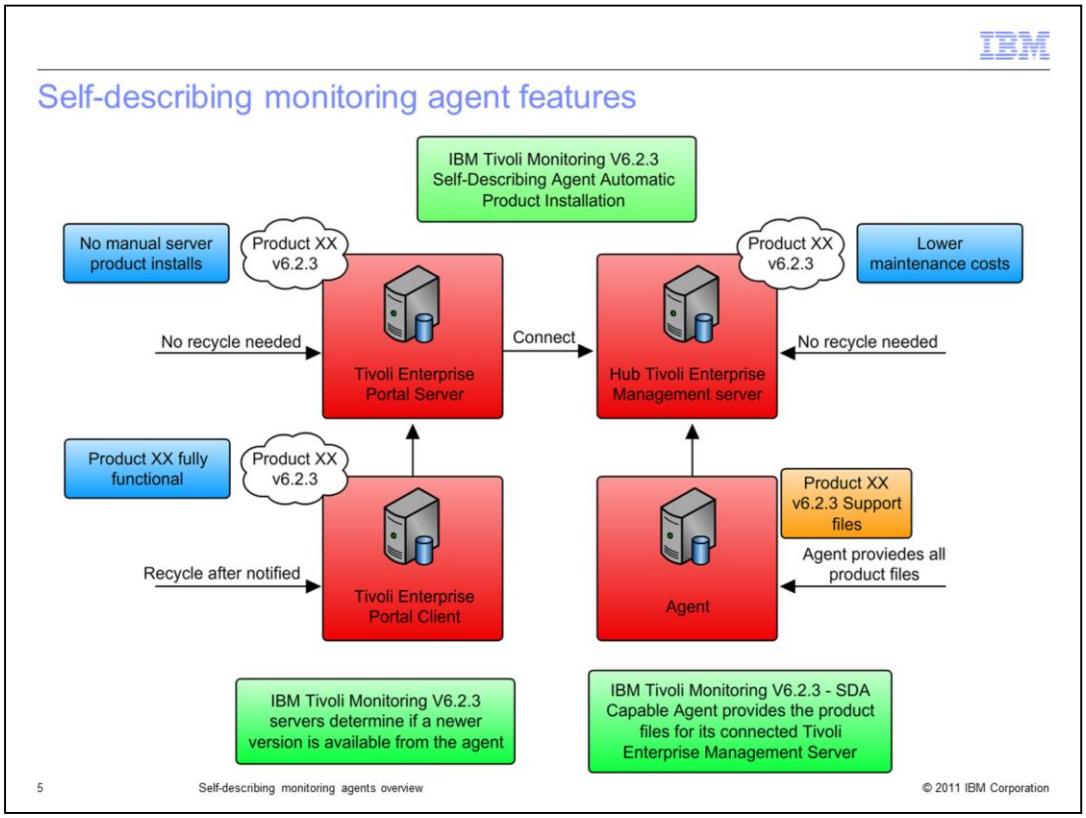
It reduces your downtime for monitoring servers and portal servers with dynamic product installations.

It reduces the need for manual installation of new or upgraded monitoring server and portal server product support on individual servers.

Value increases when multiple remote monitoring servers exist.

More consistent product installations across server components.

The next slide shows the self-describing monitoring agent diagram for IBM Tivoli Monitoring v6.2.3.

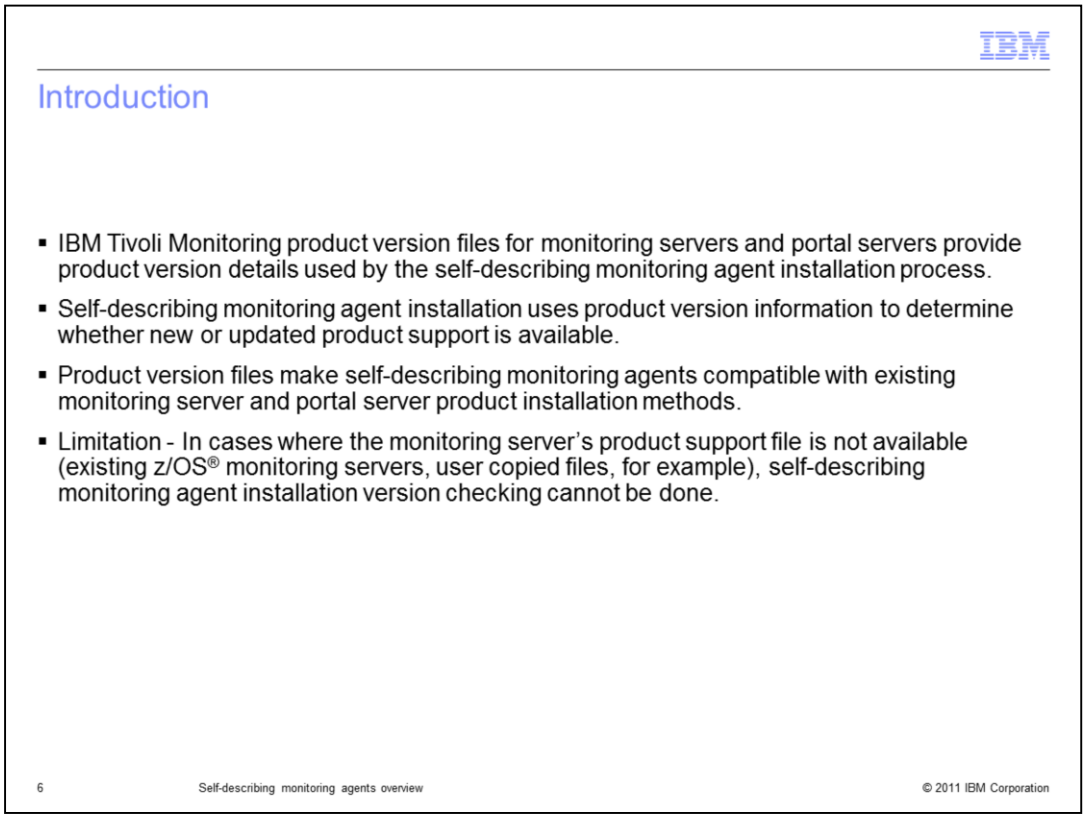



This diagram shows the self-describing monitoring agent features.

- No manual server product installations
- Lower maintenance costs
- No recycle needed for the portal server or hub monitoring server
- Product xx is fully functional, the Tivoli Enterprise Portal client must be stopped and started
- The agent provides all product files

…

IBM Tivoli Monitoring version 6.2.3 must be in all components to support self-describing monitoring agents connected to a remote monitoring server. Versions before 6.2.3 are not eligible for self-describing monitoring agents.

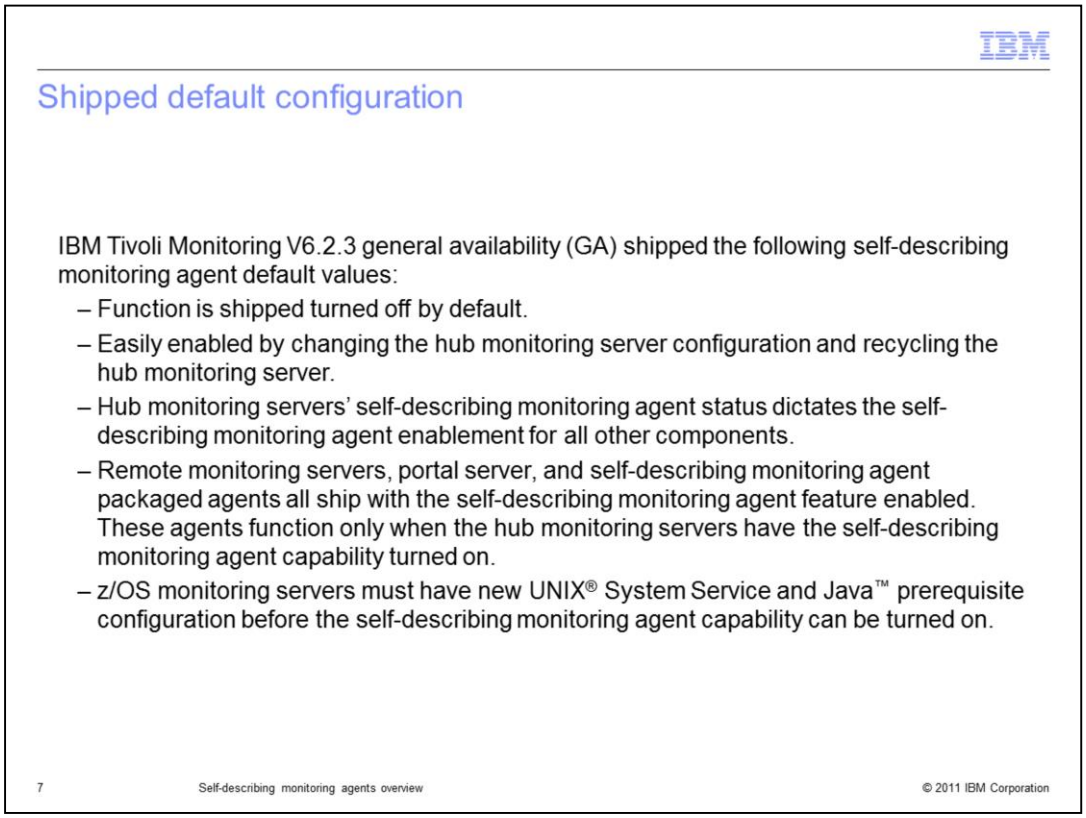



IBM Tivoli Monitoring product version files for monitoring servers and portal servers provide product version details used by the self-describing monitoring agent installation process.

Self-describing monitoring agent installations use this product version file.

The product version file provides compatibility with existing manual monitoring server and portal server product installations.

A known limitation occurs with existing z/OS monitoring servers when the product support file is not available. In these cases, the self-describing monitoring agent install version cannot be done.

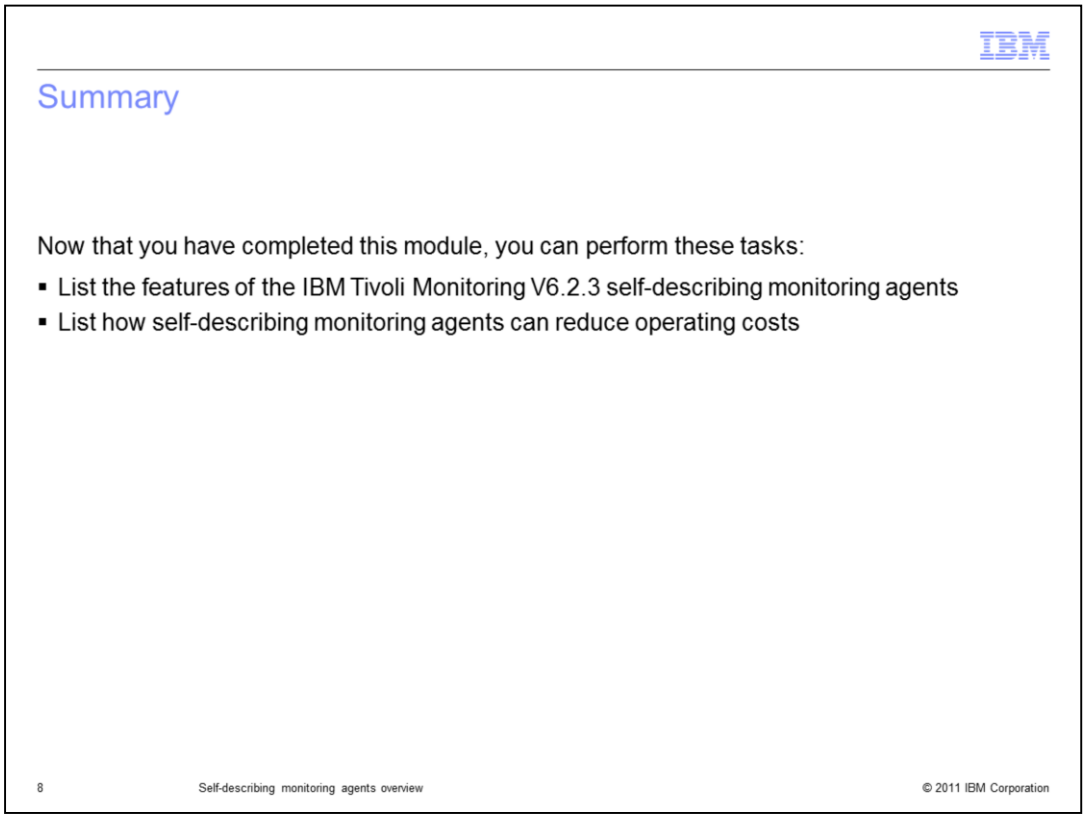



In IBM Tivoli Monitoring v6.2.3, the self-describing monitoring agent capability is shipped turned off in the hub monitoring server.

You can turn on the self-describing monitoring agent feature by enabling it and recycling the hub monitoring server. The hub monitoring server determines if the self-describing monitoring agent feature is available or not.

Remote monitoring servers, portal servers, and self-describing monitoring agent packaged agents all ship with the self-describing monitoring agent feature turned on, but are not functional until the hub monitoring server has this feature turned on.

z/OS monitoring servers must have new UNIX System Service and Java prerequisite configuration before the feature can be turned on.




Summary.

Now that you have completed this module, you can perform these tasks:

- List the features of the IBM Tivoli Monitoring v6.2.3 self-describing monitoring agents
- List how self-describing monitoring agents can reduce operating costs

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