

Acronis

Backup Extension for Azure Pack

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Overview

Windows Azure Pack (WAP) (<http://www.microsoft.com/en-us/server-cloud/products/windows-azure-pack/>) is a collection of Microsoft Azure technologies available to Microsoft customers at no additional cost. It integrates with Windows Server, System Center, and SQL Server to offer a self-service portal and cloud services, such as virtual machine hosting (IaaS), database as a service (DBaaS), scalable web app hosting (PaaS), and more.

Acronis Backup Cloud (<http://www.acronis.com/en-us/provider/backup-cloud/>) is a comprehensive, yet simple, complete, and cost-effective local and cloud backup and recovery solution that equips service providers with the tools to solve their customers' data protection problems. Leveraging the power of the Acronis AnyData Engine, Acronis Backup Cloud delivers a highly customized, complete, and reliable service that backs up data from any source and recovers it to any destination and system.

Backup Extension for Windows Azure Pack is a component that integrates Acronis Backup Cloud with Windows Azure Pack. It enables service providers to offer a multitenant backup service through Windows Azure Pack. By using the service, tenants can back up both cloud virtual machines and on-premise infrastructure.

Components

The backup extension consists of the following three components:

- **Acronis Backup Cloud for Azure Pack: Tenant Site Extension**

This component is an extension for the management portal of the tenant website.

- **Acronis Backup Cloud for Azure Pack: Admin Site Extension**

This component is an extension for the management portal of the administrator website.

- **Acronis Backup Cloud for Azure Pack: API Service**

This component is a Windows Azure Pack custom resource provider that acts as an endpoint for the backup extension.

Before installation

The backup extension components must be installed on the machines where Windows Azure Pack (WAP) is running. Depending on your Windows Azure Pack deployment scenario, choose one of the following installation schemes:

- For the express installation of Windows Azure Pack (<https://technet.microsoft.com/en-us/library/dn296439.aspx>), install all backup extension components on the machine where WAP is running.
- For the distributed installation of Windows Azure Pack (<https://technet.microsoft.com/en-us/library/dn457767.aspx>), install the backup extension components on the following machines:

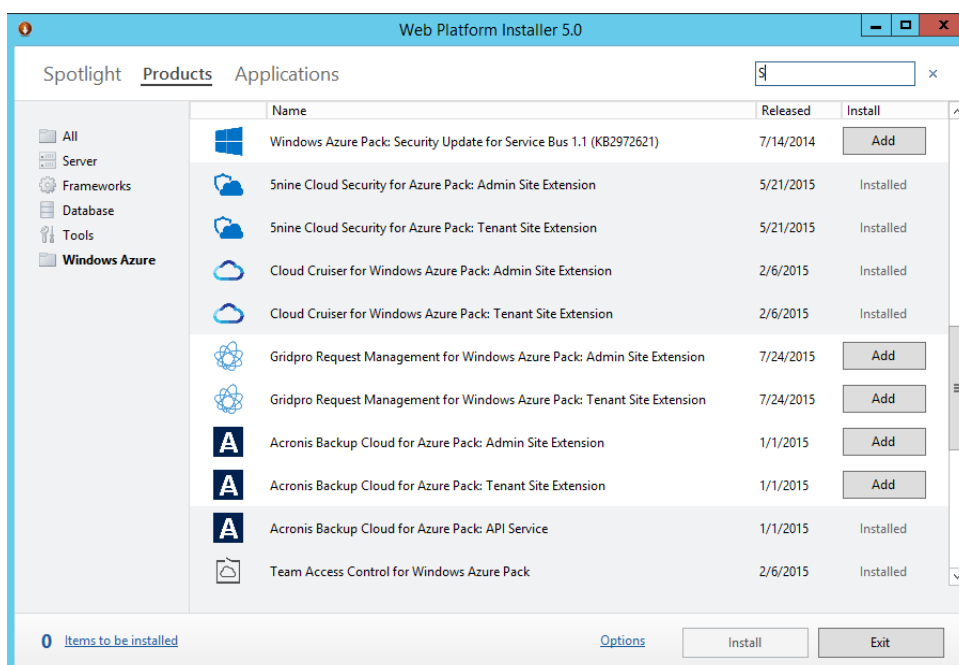
- **Acronis Backup Cloud for Azure Pack: Tenant Site Extension:** on the machine where the WAP Tenant Site component is running.
- **Acronis Backup Cloud for Azure Pack: Admin Site Extension:** on the machine where the WAP Admin Site component is running.
- **Acronis Backup Cloud for Azure Pack: API Service:** on any machine running a WAP component. We recommend that you install this component on a machine where the WAP Admin API component is running.

Installation

You can install the backup extension components manually or by using Microsoft Web Platform Installer.

Installing the components via Microsoft Web Platform Installer

1. Download the installer from <http://www.microsoft.com/web/downloads/platform.aspx>.
2. Run the installer, and then click **Products > Windows Azure**.
3. Select the backup extension components according to the selected installation scheme, and then click **Add**.
4. Click **Install**.
5. When installing the **Acronis Backup Cloud for Azure Pack: API Service** component, specify the user name and password that the backup extension will use to connect to the endpoint. Remember these credentials, as you will be asked for them when configuring the backup extension.
6. Complete the installation procedure for all backup extension components.



Installing the components manually

1. Download the setup programs by using the following links:
 - <http://download.acronis.com/WAP/Acronis.WAP.BackupService.Portal.msi>
Use this setup program to install the **Acronis Backup Cloud for Azure Pack: Tenant Site Extension** and **Acronis Backup Cloud for Azure Pack: Admin Site Extension** components.
 - <http://download.acronis.com/WAP/Acronis.WAP.BackupService.CRP.msi>
Use this setup program to install the **Acronis Backup Cloud for Azure Pack: API Service** component.
2. Run the setup programs for the backup extension components, according to the selected installation scheme.
3. When installing the **Acronis Backup Cloud for Azure Pack: API Service** component, specify the user name and password that the backup extension will use to connect to the endpoint. Remember these credentials, as you will be asked for them when configuring the backup extension.
4. Complete the installation procedure for all backup extension components.

Configuration

Configuring firewalls

The **Acronis Backup Cloud for Azure Pack: API Service** component uses the 30201 TCP port by default.

You can change this default value by using **Internet Information Services Manager**.

Ensure that your firewalls and other components of your network security system allow both inbound and outbound connections through this port on the machine where the **Acronis Backup Cloud for Azure Pack: API Service** component is installed.

Configuring the backup extension

1. Log in to the WAP Admin portal, and then click **Backup Service**.
2. Click **Specify the endpoint connection settings** to configure the connection to the **Acronis Backup Cloud for Azure Pack: API Service** component. Provide the address of the machine where this component is running, and the user name and password that you entered when installing this component.
3. Under **Set up a connection to the management console**, configure the connection to Acronis Backup Cloud:
 - a. Specify the Acronis Backup Cloud management server address, which matches the account management console address (<https://baas.acronis.com/>).

- b. Specify your Acronis Backup Cloud administrator login and password. The account you specify must have permissions to create End-User Company groups in Acronis Backup Cloud.

If you do not have an account, click **Create a free trial account**.

4. Click **Test connection** to ensure that the backup extension is configured correctly.
5. The backup extension is configured. You can now proceed to creating the plans.

Changing the endpoint password

This is an optional step. If you forgot or want to change the password that you provided when installing the **Acronis Backup Cloud for Azure Pack: API Service** component, use the following procedure to reset it.

1. Log in to the machine where the **Acronis Backup Cloud for Azure Pack: API Service** component is installed.
2. Run the following commands at the Windows command prompt:

```
cd c:/inetpub/Acronis-BackupService-API
powershell -file setCredentials.ps1 %NEW_LOGIN% %NEW_PASSWORD%
```

Where %NEW_LOGIN% and %NEW_PASSWORD% are the credentials that you want to set.

Uninstallation

To uninstall the backup extension, use the **Add or Remove Programs** or **Programs and Features** tools in Windows.

Updating

To update the backup extension components:

1. Download the setup programs by using the following links:
 - <http://download.acronis.com/WAP/Acronis.WAP.BackupService.Portal.msi>
Use this setup program to install the **Acronis Backup Cloud for Azure Pack: Tenant Site Extension** and **Acronis Backup Cloud for Azure Pack: Admin Site Extension** components.
 - <http://download.acronis.com/WAP/Acronis.WAP.BackupService.CRP.msi>
Use this setup program to install the **Acronis Backup Cloud for Azure Pack: API Service** component.
2. Run the setup programs.