

Configuring Azure Cloud VDI provider

- Parallels Remote Application Server

Target Audience

- Independent software vendors (ISVs), service providers (SPs), small to medium enterprises (SMEs) and large enterprises
- Microsoft Azure administrators and Parallels RAS administrators familiar with virtual desktop infrastructure (VDI) environments

Requirements

- [Access and subscription on the Azure portal](#)
- Experience with Azure Active Directory and related modules.

Configuring Azure Application for virtual machines (VMs) listed in single Resource Group

1. Go to the [Azure portal](#) and open **Azure Active Directory**.

2. Register a new app, which will then be used to establish communication between Azure and Parallels® Remote Application Server (RAS).

3. Complete registration.

The following message indicates a successful registration:

Successfully created application Test VDI App (kb).

4. **Tenant** and **Client IDs** will be required for the Parallels RAS Console so it's better to save them to the server hosting the Parallels RAS Console. Once done, proceed to **Certificates & secrets**.

5. **Configure New Client Secret.**

6. Set expiration and click **Add**.

7. Copy the secret as it will not be available after this page will be refreshed or reopened.

8. Open **Resource groups**.

9. Create a new resource group or select the existing one and scroll down.

10. Specify Group parameters and click **Preview & create**.

11. Click **Create**.

The resource group should now be available.

Note: You might need to refresh this page in order to see the newly created resource group.

12. Click on the group name and then select **Access Control (IAM)**.

13. Add **Reader** role to the application.

14. Once the application is selected, click **Save**.

15. Add **Contributor** role to the application using the same approach.

16. The following message indicates success:

Test VDI App (kb) was added as Contributor for Test_VDI_Group.

Listing all resource groups under specific subscription

1. Open subscriptions from the **Menu pane > All Services > Subscriptions** or simply find it in search:
2. Choose the subscription that is currently active.
3. Copy the **Subscription ID** to the server hosting the Parallels RAS Console and open **IAM** afterward.

4. Add **Reader** role to this subscription:

Adding Azure VDI provider in the Parallels RAS Console

1. From **Parallels RAS Console > Farm > Providers > click + or Tasks > Add.** (click on the image to enlarge)
2. Select **Microsoft Azure** from the list of available providers.

3. Input **Name**, **Tenant ID**, **Subscription ID**, **Application ID**, and **Application Key (Client Secret)** and click **Next**.

Note: **Advanced Settings** in this window allow setting up **Dedicated VDI Agent** and **Preferred Publishing Agent** right away.

4. On the next window, verify that **VDI Agent** is installed and the agent status is **OK**. Then click **Finish**.

The VDI host is now added. Some time is needed for agents to synchronize settings.

Depending on the environmental conditions, this may take about a few minutes. Once complete, you will see the status **OK (green)**.

