

Microsoft Remote Desktop

Remote Desktop Services accelerates and extends virtual desktop and application deployments to any device, improving remote worker efficiency, while helping to keep critical intellectual property secure and simplify regulatory compliance.

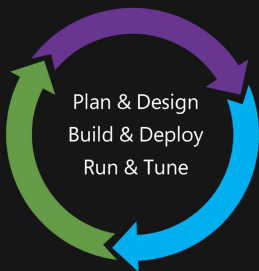
Remote Desktop Services enables virtual desktop infrastructure (VDI) as well as session-based desktops and applications, allowing users to work anywhere.

3 reasons to choose Microsoft Remote Desktop:

RUN WINDOWS APPS ANYWHERE
Access corporate resources from any Windows, Apple, or Android computer, tablet, or phone.

DELIVER YOUR APP AS-IS
No re-writing required for your Windows apps. Combine the Windows app experience with powerful Remote Desktop Services capabilities so that your apps are delivered from the cloud or on-premises as-is, quickly and simply.

CENTRALIZE CONTROL
Centrally manage and maintain your deployment using powerful tools and automation scripts. Apps and data stay in your control, helping to secure your resources and reduce the risk from lost and compromised devices.



PLAN AND DESIGN

A highly scalable Remote Desktop deployment requires the use of specific patterns and practices. Designing for optimal performance and scale-out is key. Use the scenarios below to help you envision, architect, and continually refine your deployment.

VDI VS. SESSION-BASED



Deploy session hosts for a more lightweight and cost-effective model when requirements for user resources are lower. Take advantage of increased application compatibility and a familiar Windows Client OS experience with a VDI deployment.

BUILD ANYWHERE



Deploy on-premises, in the cloud, or a hybrid of the two. Modify your deployment as your business needs change.

ACCESS FROM ANYWHERE



End users can connect to internal network resources securely from outside the corporate firewall through RD Gateway.

MULTI-FACTOR AUTHENTICATION



Leverage the power of Active Directory with Multi-Factor Authentication to enforce high security protection of your business resources.

PERSISTENT OR NON-PERSISTENT SESSIONS



Choose between persistent and non-persistent sessions to cater to your business needs. Minimize storage requirements and ease management with non-persistent sessions, or increase personalization and save user settings with persistent sessions.

CONNECT FROM ANY DEVICE



Access corporate resources from any Windows, Apple, or Android computer, tablet, or phone. Enable users to easily see their available desktops and applications from any device through RD Web Feed.

PERSONAL OR POOLED DESKTOPS



Personal desktops give end users increased flexibility of administrative access, while pooled desktops lower maintenance requirements and costs. Provision personal and pooled desktops in both VDI and session-based deployments.

CATER TO DIFFERENT KINDS OF USERS



Scale your deployment depending on the expected need of each type of user. For example, users may carry out data entry on lightweight apps, manipulate large datasets with productivity apps like Office, or work with heavy-duty engineering or graphics apps.

HIGH AVAILABILITY



Failures and throttling are unavoidable in large-scale systems. It's simple to setup Remote Desktop infrastructure roles to support high availability and allow end users to connect seamlessly, every time.

SECURE DATA STORAGE



Store business resources, user personalization data and settings securely on-premises or in Azure. RD Session Hosts use AD authentication and empower users with the resources they need in a personalized environment, securely.

ENABLE HIGH-END GRAPHICS REMOTING



Improve users' graphics performance in a remote session by attaching GPUs to your Remote Desktop host servers. Directly map a GPU to a VM using Discrete Device Assignment.

CHOOSE HOW YOU PAY

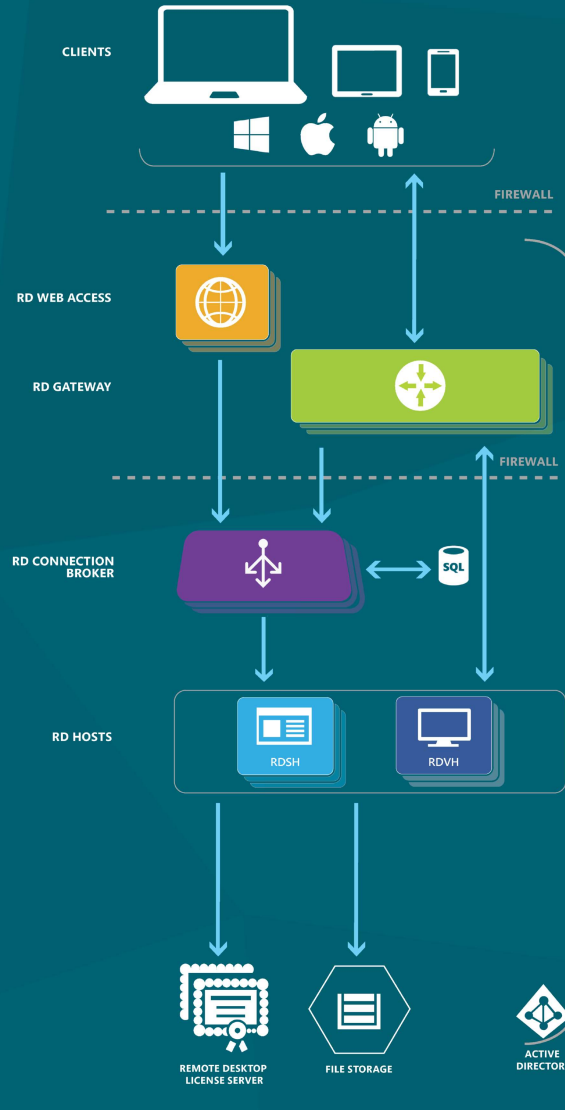


Choose your licensing based on what makes sense for your company. License per user to enable users to remote on any of their devices in a BYOD scenario. License per device if users share the same devices. If you are a service provider or ISV, choose the per user SaaS license for a flexible, pay-as-you-go model.

BUILD AND DEPLOY

Remote Desktop deployments are easily scaled. You can increase and decrease Remote Desktop Web Access, Gateway, Connection Broker and Session Host servers at will. You can use Remote Desktop Connection Broker to distribute workloads. Active Directory based authentication provides a highly secure environment.

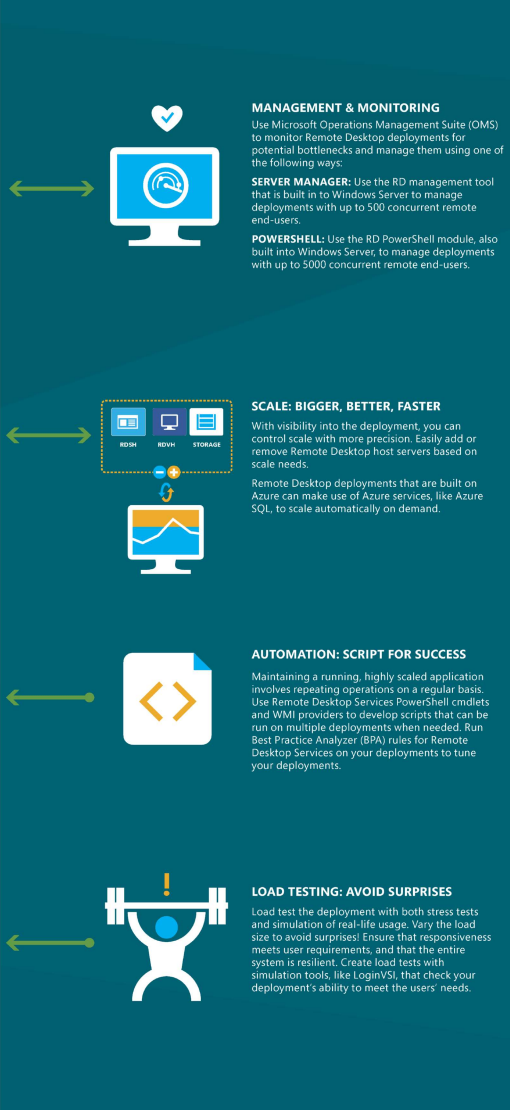
Remote Desktop Clients enable access from any Windows, Apple, or Android computer, tablet, or phone, as shown below.



RUN AND TUNE

Tuning your deployment takes time and requires instrumentation and monitoring. Use the processes below to refine your Remote Desktop deployment, keep it running and enable scaling out (and in) as needed.

It's a good practice to continually assess the metrics and balance against running costs.



Desktop Virtualization Using Microsoft Remote Desktop Services

Like it? Get it. <https://aka.ms/rdposter>