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March 21-22, 2018

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Shaping the future of Remote Desktop Services on Azure

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Introduction

Introduction

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Agenda

Up to speed with RDS on IaaS

Remote Desktop modern infrastructure

HTML5

Project Honolulu

Why Remote Desktop Services?

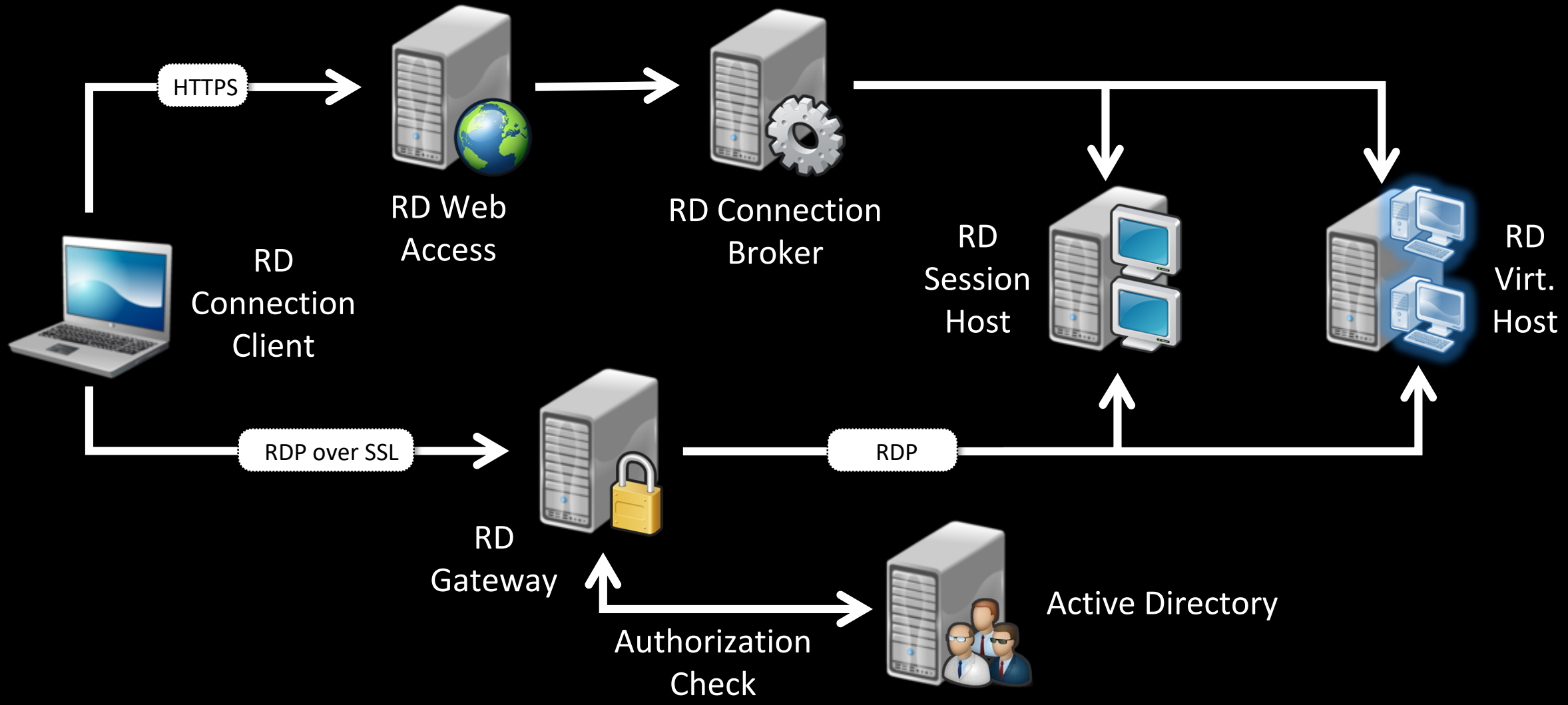
- Software as a Service (SaaS)
- Web- and HTML5
- App store Apps

Traditional Windows Applications

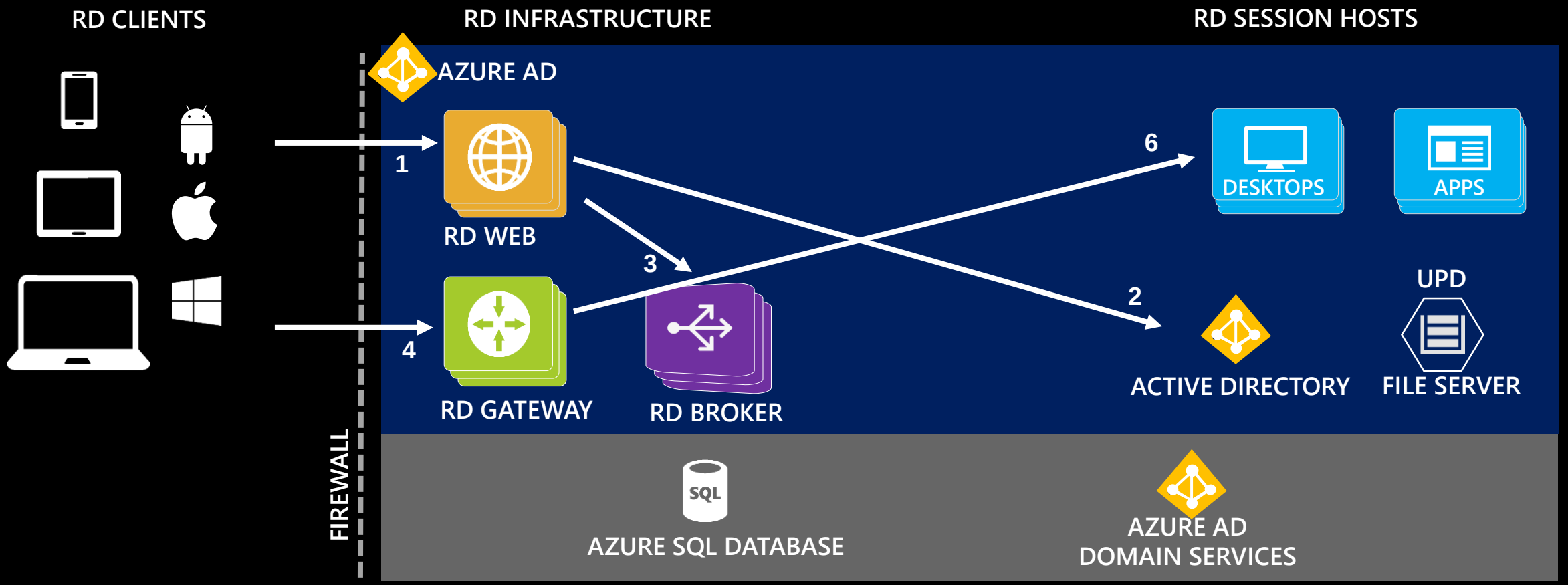
- Not designed for modern workplace
- Demand Windows Desktop
- Rely heavily on application back end
- Process huge amounts of data

Complete the modern workplace story by providing access to traditional Win32 applications from Azure.

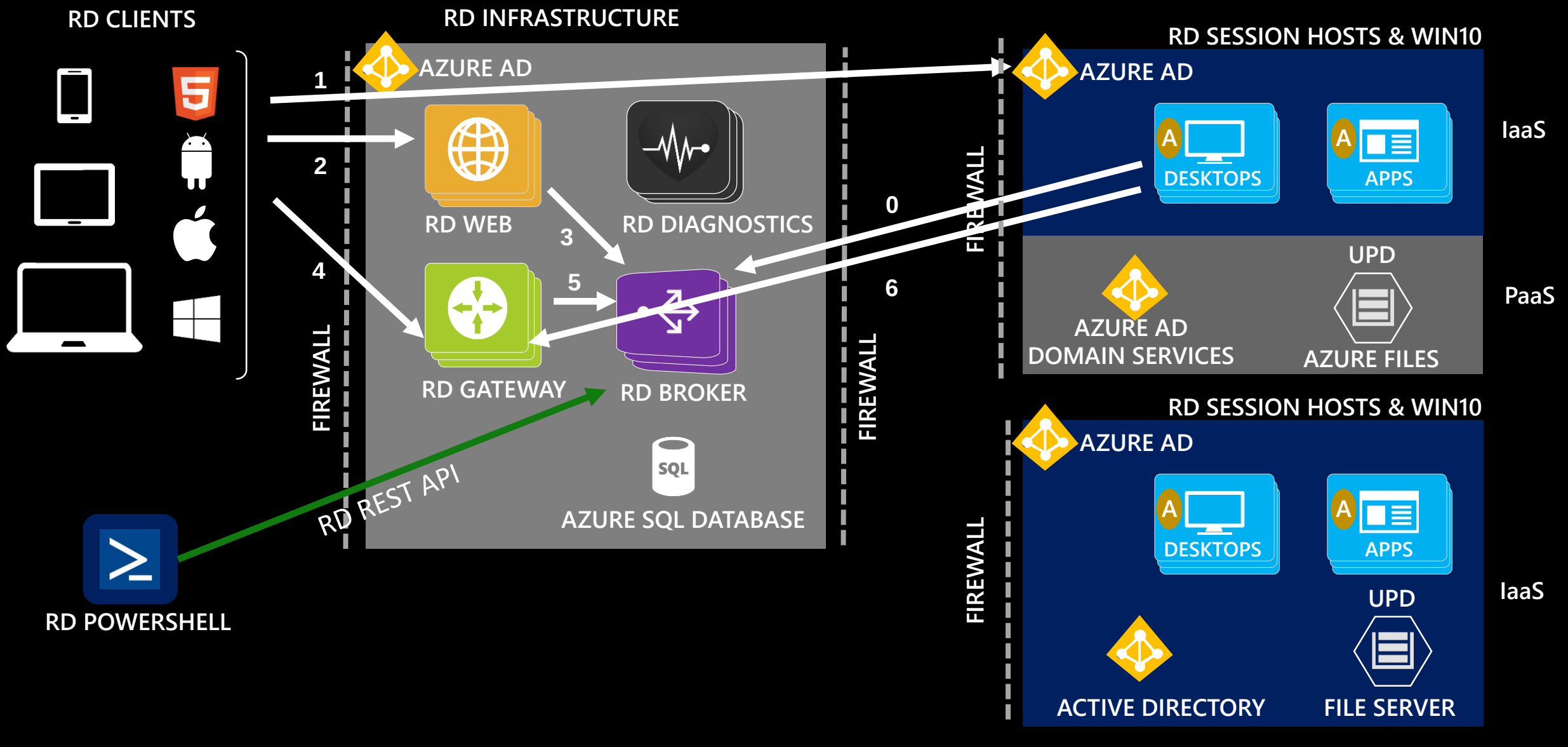
RDS Roles explained



RDS 2016 on Azure IaaS



Remote Desktop modern infrastructure (RDmi)



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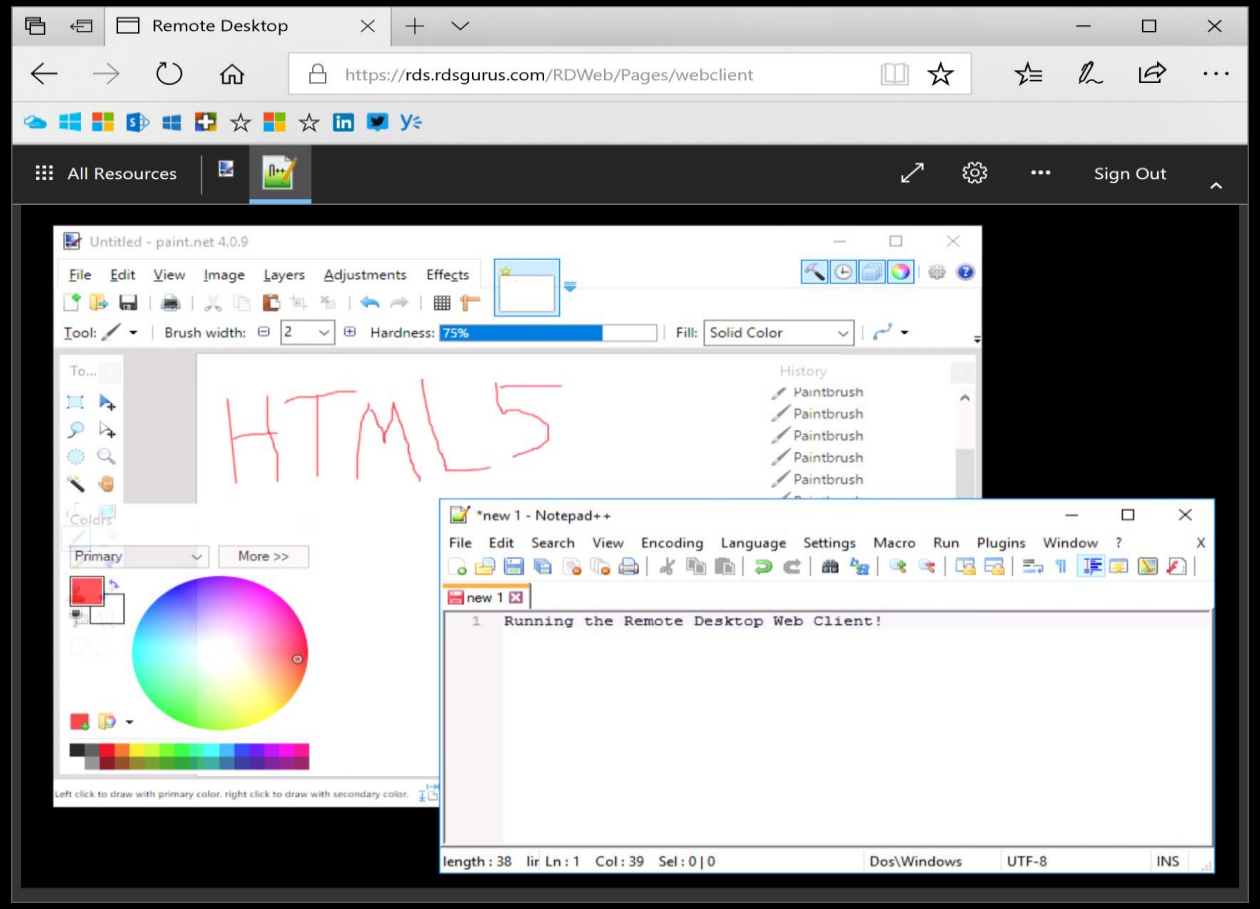
HTML5

- Clientless access (modern browser)
- Available in RDmi
- Also available for RDS 2016



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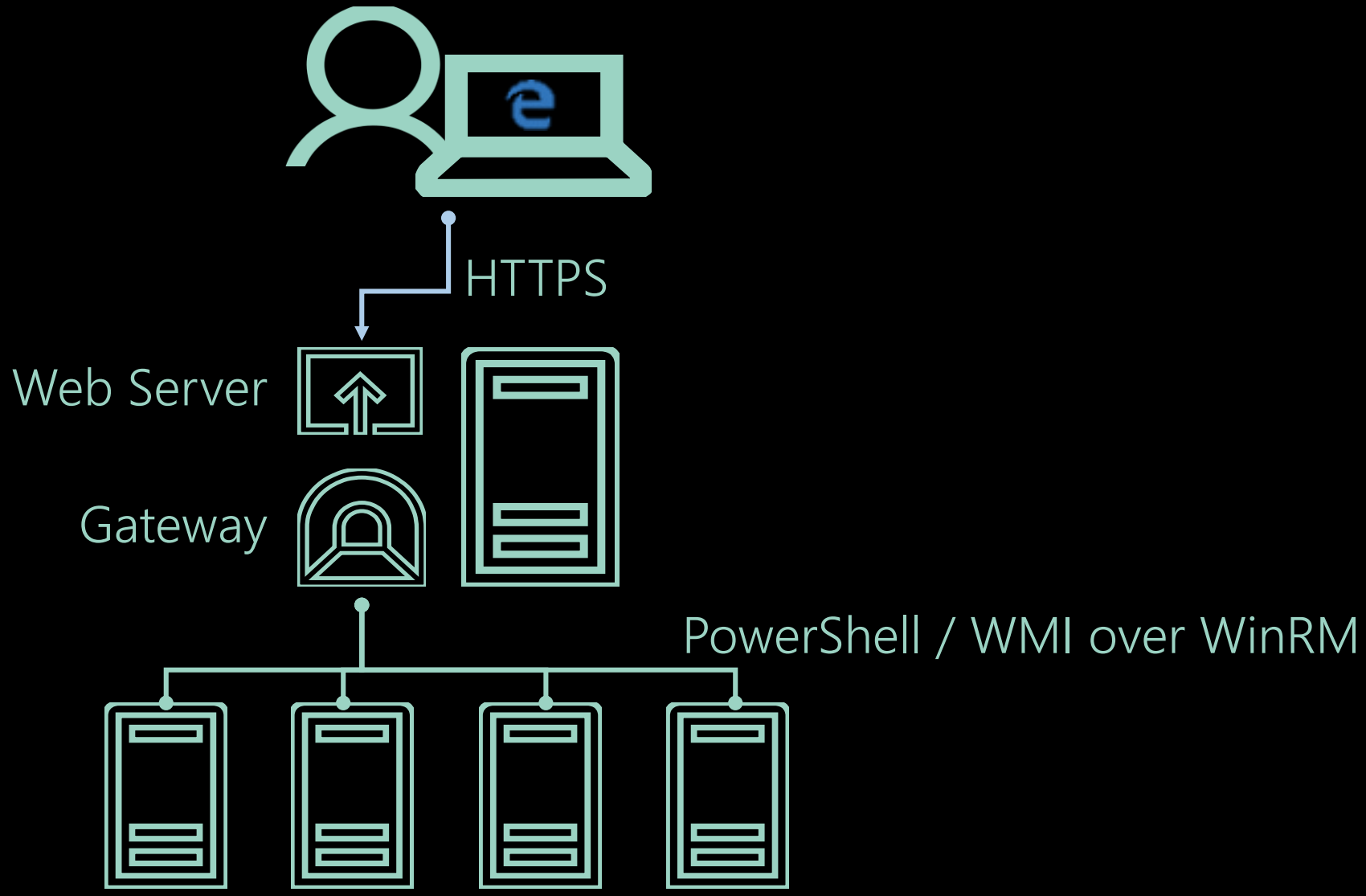
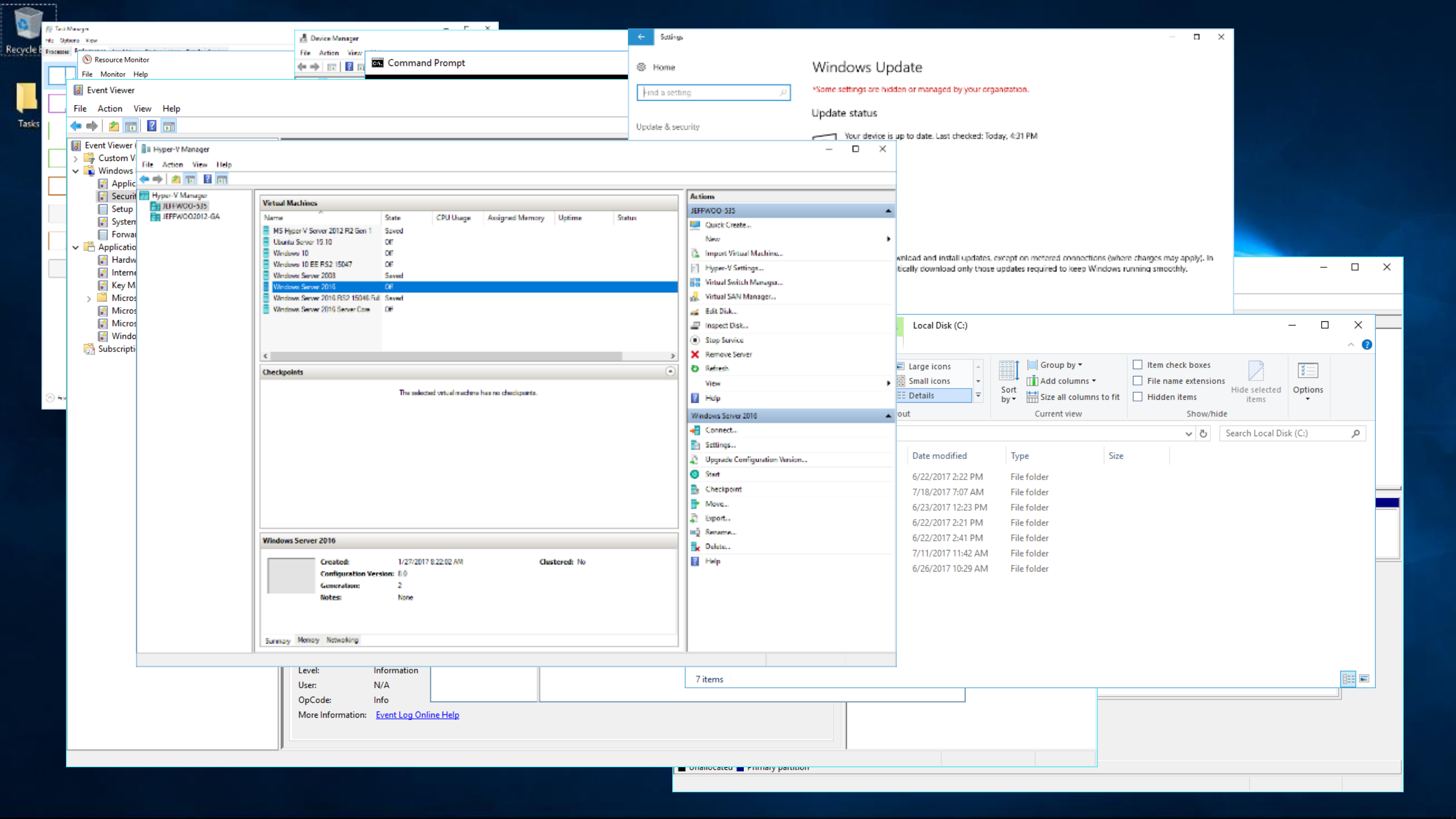



Recycle Bin
Tasks
Resource Monitor
File Monitor Help
Device Manager
File Action View
Command Prompt
Event Viewer
File Action View Help
Settings
Home
Find a setting
Update & security
Windows Update
*Some settings are hidden or managed by your organization.
Update status
Your device is up to date. Last checked: Today, 4:31 PM
Hyper-V Manager
File Action View Help
Hyper-V Manager
JEFFWOO-535
JEFFWOO2012-GA
Virtual Machines
Name State CPU Usage Assigned Memory Uptime Status
MS Hyper-V Server 2012 R2 Gen 1 Saved
Ubuntu Server 15.10 Off
Windows 10 Off
Windows 10 EE RS2 15047 Off
Windows Server 2008 Saved
Windows Server 2016 Off
Windows Server 2016 RS2 15046 Full Saved
Windows Server 2016 Server Core Off
Checkpoints
The selected virtual machine has no checkpoints.
Windows Server 2016
Created: 1/27/2017 8:22:02 AM
Clustered: No
Configuration Version: 8.0
Generation: 2
Notes: None
Summary Memory Networking
Actions
JEFFWOO-535
Quick Create...
New
Import Virtual Machine...
Hyper-V Settings...
Virtual Switch Manager...
Virtual SAN Manager...
Edit Disk...
Inspect Disk...
Stop Service
Remove Server
Refresh
View
Help
Windows Server 2016
Connect...
Settings...
Upgrade Configuration Version...
Start
Checkpoint
Move...
Export...
Rename...
Delete...
Help
Local Disk (C:)
Large icons
Small icons
Details
Sort by
Group by
Add columns
Size all columns to fit
Current view
Item check boxes
File name extensions
Hidden items
Hide selected items
Show/hide
Options
Search Local Disk (C:)
Date modified Type Size
6/22/2017 2:22 PM File folder
7/18/2017 7:07 AM File folder
6/23/2017 12:23 PM File folder
6/22/2017 2:21 PM File folder
6/22/2017 2:41 PM File folder
7/11/2017 11:42 AM File folder
6/26/2017 10:29 AM File folder
7 items
Level: Information
User: N/A
OpCode: Info
More Information: Event Log Online Help

InPrivate | Overview - Server Mana

Certificate error https://vm-mgmt-01.rdmi.cloud/servermanager/connections/server/vm-rdsh-05.rdmi.cloud/tools/overview

Project Honolulu | Server Manager | Microsoft

vm-rdsh-05.rdmi.cloud

Tools

Search Tools

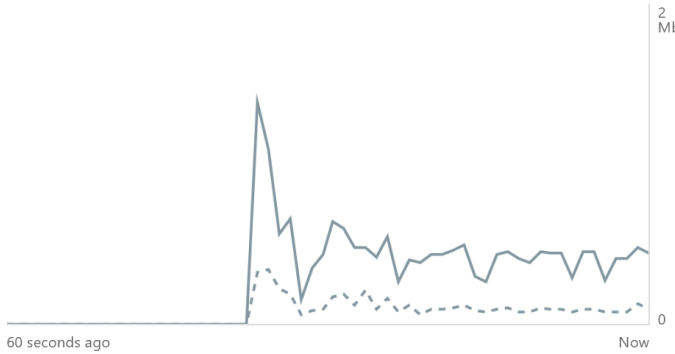
- Overview
- Certificates
- Devices
- Events
- Files
- Firewall
- Local Users & Groups
- Network
- PowerShell
- Processes
- Registry
- Remote Desktop
- Roles & Features
- Services
- Storage
- Storage Replica
- Updates

Overview

Restart | Shutdown | Disable Disk Metrics | Edit Computer ID | Settings | Refresh

Computer Name:	Domain:	Operating System:	Version:
vm-rdsh-05	rdmi.cloud	Microsoft Windows Server 2016 Datacenter	10.0.14393
Installed Memory (RAM):	**Total Disk Space:**	**Processors:**	**Manufacturer**
14 GB	155 GB	Intel(R) Xeon(R) CPU E5-2673 v3 @ 2.40GHz	Microsoft Corporation
Model	**Logical Processors**	**Free Disk Space**	**NIC(s)**
Virtual Machine	4	140.62 GB	2

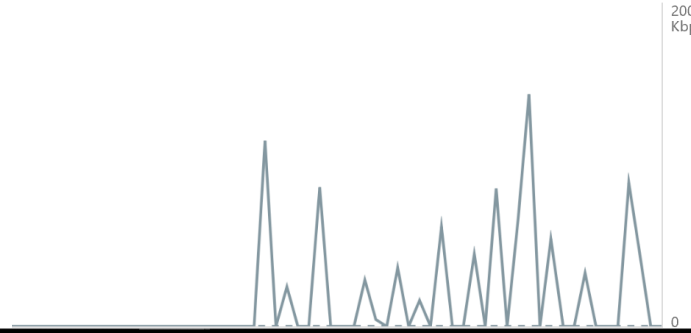
Ethernet (Ethernet 3)



Send
448 Kbps

Receive
96 Kbps

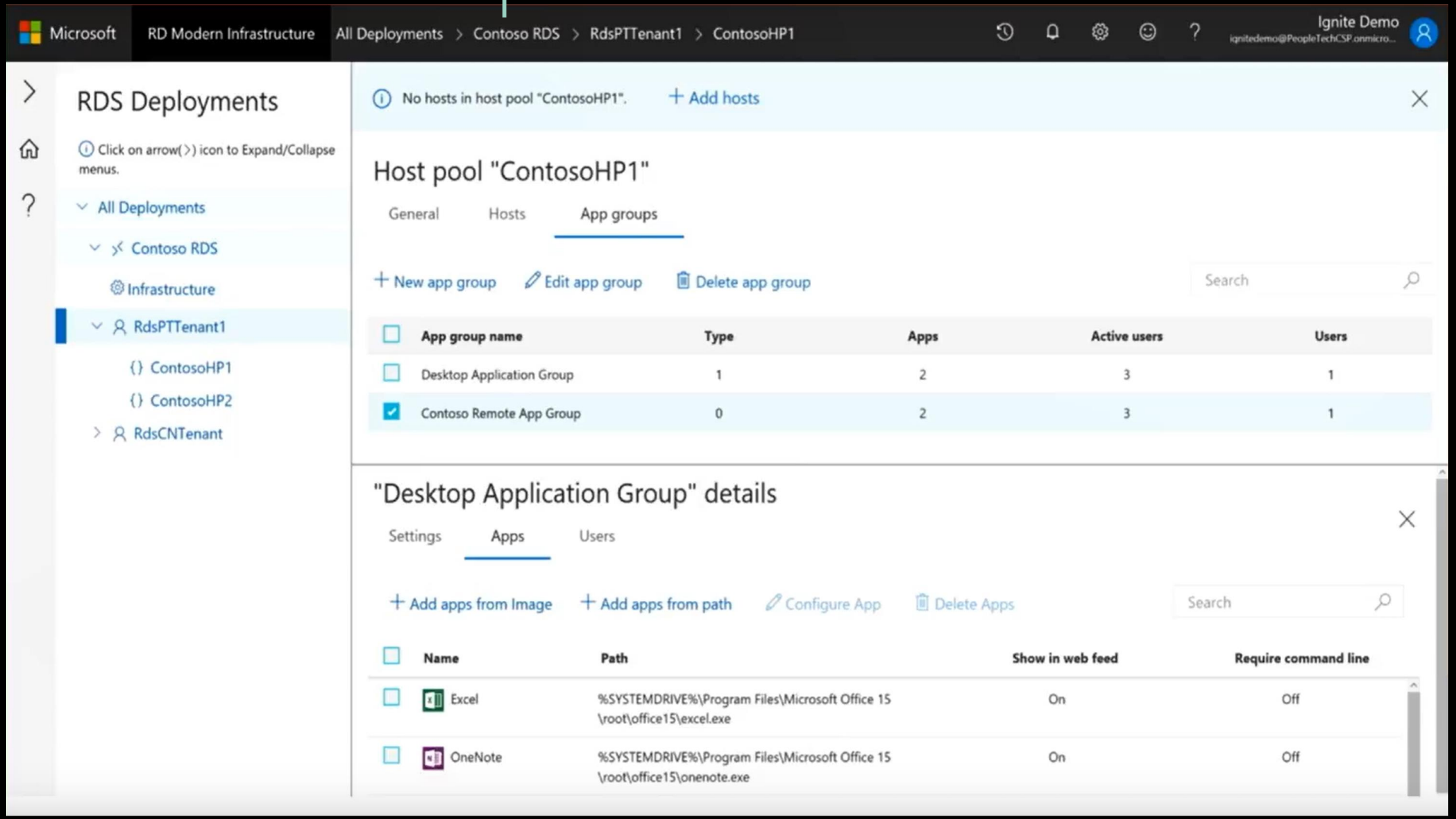
Disk 0 C:



Read Transfer Rate
0 Kbps

Write Transfer Rate
0 Kbps

RDmi Rest API example



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Recap & call to action

Remote Desktop modern infrastructure

Public Preview expected this summer
GA estimated for RS5

HTML5

Public Preview expected within a month

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Public Preview is available now, integration with RDmi is coming!

→ Reach out: freek@rdmi.cloud / @fberson

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Thank you!