



Top 7 facts in comparing RDS on Azure IaaS vs Azure PaaS

(Without all the fluff)

Freek Berson - @fberson





Thank you, sponsors!

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Azure Saturday 2018





Stroopwafel (Sirup Waffel)



? =





Freek Berson (@fberson)

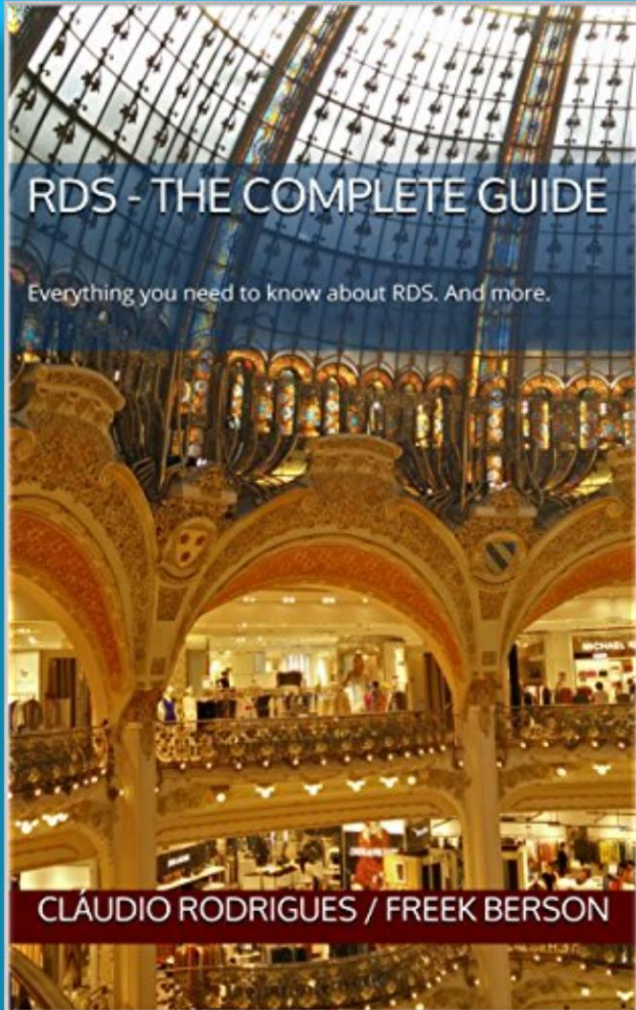


- Remoting Windows Enthusiast
- Remote Desktop Services, Azure, ARM
- Blogger, speaker, author
- Microsoft MVP – RDS





RDS – The Complete Guide



Available for Pre-order on amazon!





Top 7 facts in comparing RDS on Azure IaaS vs Azure PaaS

1. Architecture
2. Deployment
3. Scaling
4. Identities & MFA
5. User Experience / Customization
6. Multi tenancy, RBAC
7. Diagnostics





Why Remote Desktop Services?

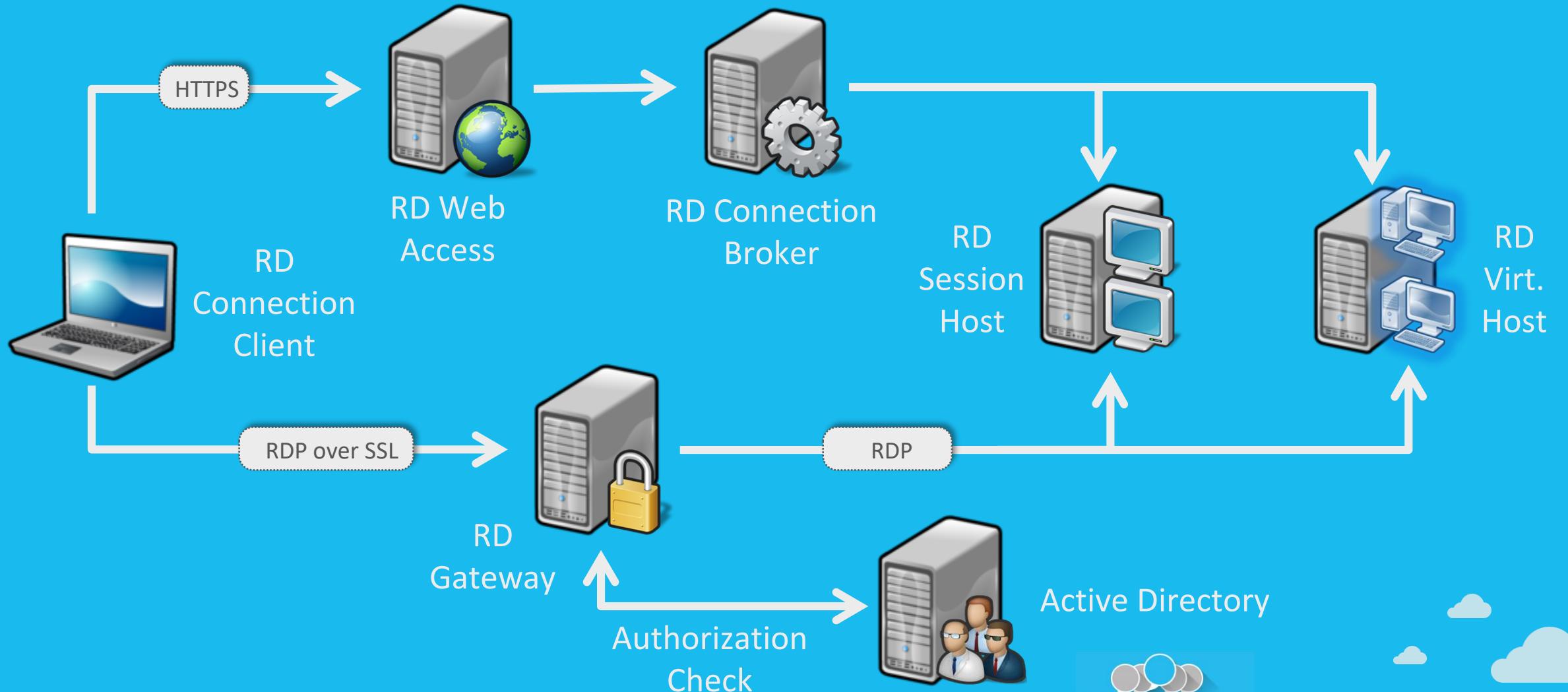
- Software as a Service (SaaS)
- Web- and HTML5
- App store Apps

Complete the modern workplace by providing access to traditional Win32 applications





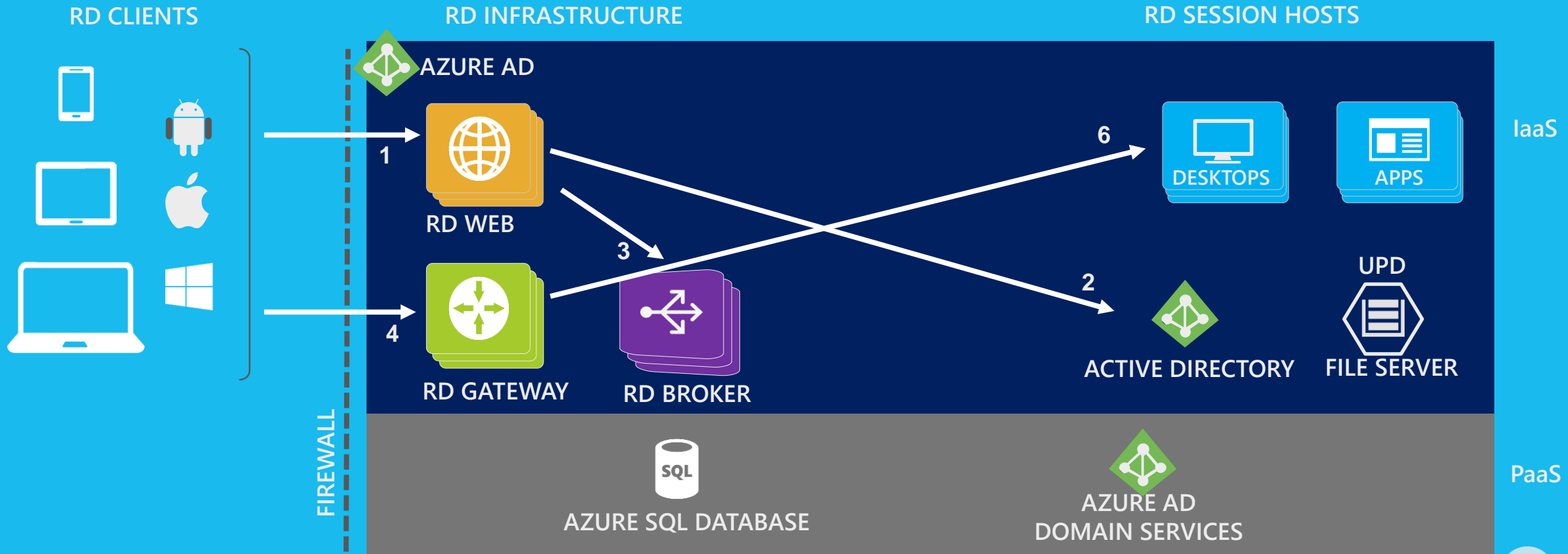
RDS roles explained



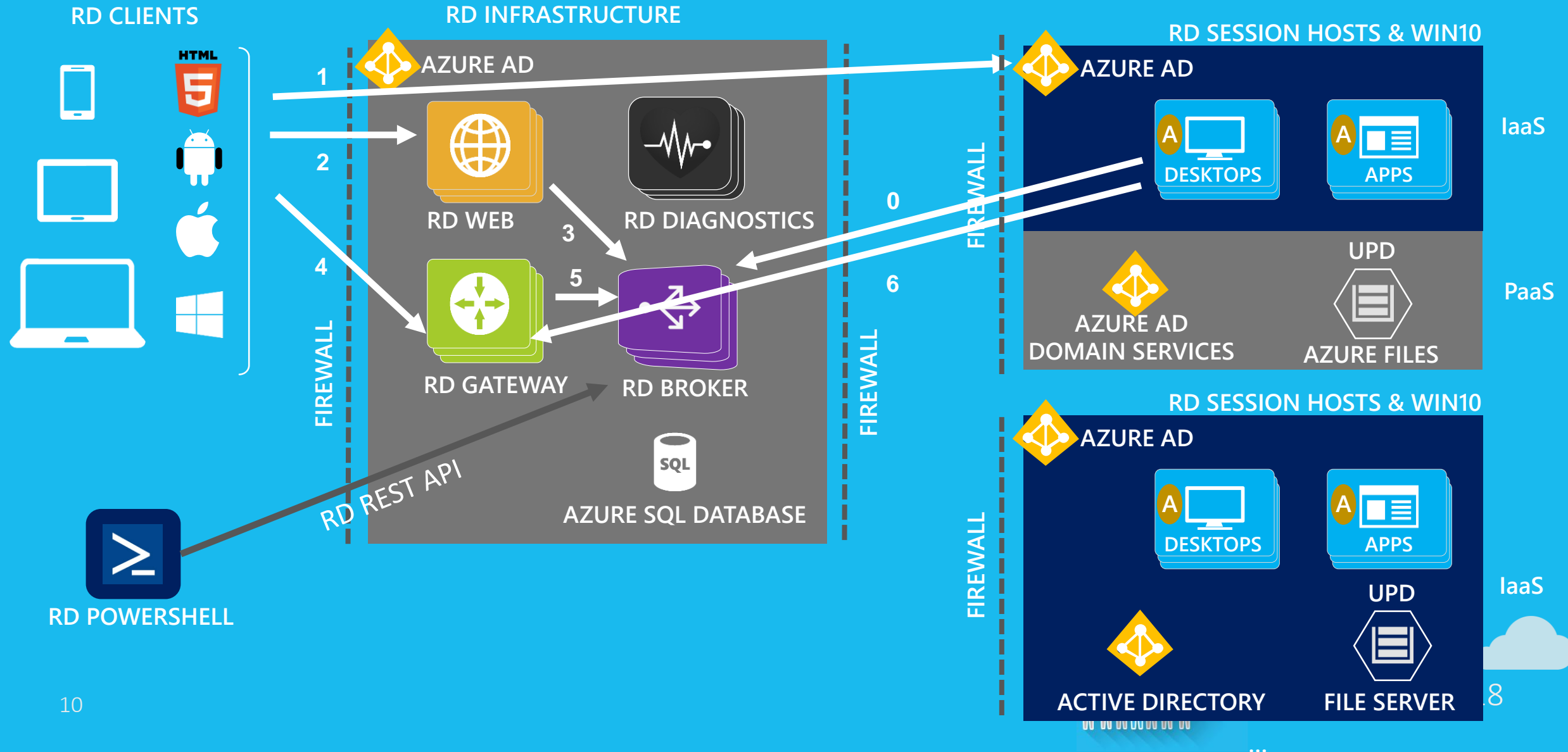
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RDS Azure IaaS



RDS on Azure PaaS (RDmi)





Demo

Microsoft Azure

Home > Resource groups > rg-infra-rdmi-v1.1-feb

rg-infra-rdmi-v1.1-feb
Resource group

Search (Ctrl+F)

Overview

Activity log

Access control (IAM)

Tags

SETTINGS

Quickstart

Resource costs

Deployments

Policies

Properties

Locks

Automation script

MONITORING

Metrics

Alerts (classic)

Diagnostics logs

Application insights

Log analytics (OMS)

Log search

Advisor recommendations

Subscription (11xgq)
Microsoft Azure Enterprise
Subscription ID: 66211fed-d86e-4726-b406-69f5d...
Tags (1xgq)
Click here to add tags
Deployments: 3 Succeeded

Filter by name: All types All locations No grouping

15 items

NAME	TYPE	LOCATION
RDIBroker-S16w6wz4qoae	App Service	West Europe
RDDiagnostics-S16w6wz4qoae	App Service	West Europe
RDGateway-S16w6wz4qoae	App Service	West Europe
RDWeb-S16w6wz4qoae	App Service	West Europe
RDIBrokerPlan-S16w6wz4qoae	App Service plan	West Europe
RDDiagnosticsPlan-S16w6wz4qoae	App Service plan	West Europe
RDGatewayPlan-S16w6wz4qoae	App Service plan	West Europe
RDWebPlan-S16w6wz4qoae	App Service plan	West Europe
rg-infra-rdmi-v1-feb662	Key vault	West Europe
RDInfraCertificate	Microsoft.Web/certificates	West Europe
RDInfraTokenManagerCertificate	Microsoft.Web/certificates	West Europe
master (rdsqlserver-S16w6wz4qoae/master)	SQL database	West Europe
rdinfra-S16w6wz4qoae (rdsqlserver-S16w6wz4qoae/rdinfra-S16w6wz4qoae)	SQL database	West Europe
rdsqlserver-S16w6wz4qoae	SQL server	West Europe
rginfra-rdmi-v1-feb66211fe	Storage account	West Europe





Recap - RDS Azure IaaS

1. Based on IaaS, traditional hosting model, full control
2. ARM Templates or manually
3. Scaling using custom scripts, fully customizable
4. Identities based on AD, Azure MFA via NPS
5. Various clients including WebAccess & branding
6. Multi tenancy based on Session Collections
7. Diagnostics based on eventlogs or 3rd party





Recap - RDS Azure PaaS

1. Based on PaaS, less control
2. Azure Marketplace or ARM Template
3. Includes auto scaling, expect for RDSH role
4. Identities based on AAD, MFA & Conditional Access
5. Various clients, no WebAccess, no branding (yet)
6. Multi tenancy out of the box
7. Diagnostics based new diagnostics rule



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We appreciate your feedback!

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