Parallels Remote Application Server (RAS) 17.1

One-Stop Solution for Application Delivery and VDI
Agenda

01. Parallels
02. Digital Transformation – Key Facts
03. Parallels RAS Overview
04. Demo
05. Q&A
Parallels Solution Portfolio

Parallels Desktop™ for Mac is the easiest, fastest and most powerful solution for running Windows on Mac without rebooting.

Parallels Access™ is the fastest, easiest and most reliable remote access to your desktop from anywhere.

Parallels® Mac Management for Microsoft® SCCM enables SCCM to manage Mac computers.

Parallels® Toolbox for Windows and Mac provides a set of powerful tools to simply everyday tasks.

Parallels® Remote Application Server (Parallels RAS) is an all-in-one remote application delivery and VDI solution, providing access from any device.
Digital Transformation – Key Facts

85% of over 15,000 businesses confirmed that location flexibility leads to an increase in productivity. (Source: IWG)

Teleworking and Telecommuting

Providing data access from anywhere is the top reason for cloud adoption. (Source: Sysgroup)

Cloud Adoption

$5T Data breaches expected to cost $5 trillion by 2024. (Source: scmagazine.com)

Data Security
Parallels RAS Meets Your Objectives

Switch to a virtualization solution that will help grow your organization, meet market demands and increase employee productivity.
Parallels RAS
Key Benefits

Parallels RAS is an all-in-one VDI solution that delivers applications virtual desktops to any device, anytime, anywhere.

- Superior user experience, any device, anywhere
- Enhanced data security
- IT agility and business readiness
- Easy to deploy, configure and maintain
- Reduce TCO
Superior UX

Business on the move
Any device and any HTML5 browsers

Work productively from any anywhere
Enhance Data Security

- Improves security by centralizing data
- Monitor, control and restrict data access
- Enforce client policies to any device
- Encryption protocols
- MFA and smart card authentication
IT Agility and Business Readiness

- Business continuity and high availability
- One-stop solution for RDS and VDI
- Mix and match different OSes and technologies
- Multi-cloud ready
- Hypervisor agnostic
Easy to Deploy, Configure and Maintain

- Client autoconfiguration
- Centralized management console
- Multi-tenancy
- REST and PowerShell APIs
- Wizard-based deployment
- Auto-provisioning and auto-scaling
Reduce TCO

No Expensive Add-ons

Lower Licensing Cost

One License Model

Reduce Complexity
Core Capabilities

- Application and Desktop Delivery
- Cloud Ready
- HTML5
- Multifactor Authentication
- Session Pre-launch
- SAML SSO
- Powershell API
- Load Balancing
- Client Management
- Containerized Applications
- Rest API
- Multi-Tenant Architecture
- Universal Printing
- Notifications & Scripts
- Auto-Provisioning & Scaling
- Client Policy
- Granular Permissions
- Microsoft Azure
“Due to HIPAA and eHPI security requirements, Parallels RAS has been a solution we can offer our clients that both meets HIPAA and our management expectations as an MSP.”

Tracy W. Acord – Sr. Network Engineer at Streamline IT Solutions
“Parallels RAS makes it simple for our IT admins to support any device that students and teachers prefer to use and saves us hours of setup time.”

Paul Miller – Head of IT at Cambridge Judge Business School
“Parallels Remote Application Server was so easy to deploy! It allows us to access applications from anywhere on any device, including Chromebooks.”

Brandon Patton – Systems Administrator at Aspire Indiana
Takeaways

Parallels RAS helps organizations by:

- Providing a high-performance, intuitive and productive user experience on any device, from anywhere.
- Enabling your organization to be more agile with a centralized architecture that supports RDSH and VDI from on-premises, hybrid and public clouds.
- Reducing the risk of data loss and malicious activity by preventing unauthorized access to applications and data.
Parallels RAS – Demo

- Application and Desktop Delivery
- PowerShell API
- Universal Printing
- CloudReady
- Load Balancing
- Notifications & Scripts
- HTML5
- SAML SSO
- Multi-Tenant Architecture
- Client Management
- Auto-Provisioning & Scaling
- Multifactor Authentication
- Microsoft Azure
- Containerized Applications
- Client Policy
- Session Pre-launch
- REST API
- Granular Permissions
Next Steps

Proof of Concept (POC)
Discuss POC requirement and start testing

- Trial in Microsoft Azure and Amazon Web Services (AWS)
- Trial on your Infrastructure
Thank you
Core Capabilities (1 of 6)

**Application and Desktop Delivery**
- Deliver applications and desktops using RDSH, VDI and Remote PC.
- Delivered applications are instantly accessible from any OS.
- Zero setup and installation needed to access applications.
- RemoteFX supported.

**Cloud Ready**
- Deploy Parallels RAS on cloud services.
- Quick deployment and seamless product roll-out.
- On-demand scalability.
- Hybrid and cloud deployment options.

**HTML5**
- Enables employees to instantly access applications and desktops on any HTML5 browser.
- Customize the HTML5 Parallels Client with the organization's logo and color themes.
Core Capabilities (2 of 6)

**PowerShell APIs**
- Automate the deployment and configuration of Parallels RAS.
- Check out [free Azure RM templates](#).

**Load Balancing**
- Distribute application request traffic among remote desktop servers and gateways.
- Resource-based distribution (user sessions, memory, and CPU).
- No required configuration.

**Multifactor Authentication**
- DeepNet and SafeNet, RADIUS (including DUO Security, FortiAuthenticator, and TekRADIUS)
- Azure MFA
- Google Authenticator
- Smart card authentication
Core Capabilities (3 of 6)

**Universal Printing**
- Plug and play—no configuration required.
- Automatic printer redirection using flexible rules.
- Allows for web and mobile printing.

**Client Management**
- Centrally manage connected PCs (i.e., shutdown, restart and messaging).
- Kiosk Mode converts any Windows PC into a managed kiosk-like mode device.
- Shadow on local and published applications and desktops.

**Client Policy**
- Centralized granular set of rules to manage, control and restrict the settings options available to the users on the Parallels Client.
- Restrict settings by category: Display, Connection, Printing, Scanning, Local Resources and more.
Core Capabilities (4 of 6)

Notifications and Scripts
- Automatically execute PowerShell scripts based on event handlers such as CPU, memory, sessions, connections count and more.

Parallels RAS Templates
- Create, deploy, and remove RDSH servers and VM on demand.
- Auto-provision RDS hosts based on demand.

Containerized Applications
- Microsoft APP-V integration
- Turbo.net integration
- Mitigate application OS compatibility.
- Streamline application provisioning.
Core Capabilities (5 of 6)

Session Pre-launch
• AI analyzes user login habits to pre-launch sessions, significantly reducing login time
• AI distributes the back-end workload to prevent log-on storms during peak hours.

REST API
• The REST API allows organizations to streamline their web services by orchestrating Parallels RAS operations with their product ecosystem.
• Enables new services via seamless integration with Parallels RAS.

Granular Permissions (RBAC)
• Configure specific permissions to administrators and delegate control of any Parallels RAS object.
• Delegate control of any Parallels RAS object, offering flexibility of management while keeping security on a high level.
Core Capabilities (6 of 6)

**SAML SSO Authentication**
- Reduced admin and operational costs due to decreased management of user identities.
- Tenant does not bear the burden of making sure the SPs’ user database is kept in sync with its own user database.

**Multi-Tenant Architecture**
- Cost savings due to a reduction in the number of Secure Client Gateways and HALBs while maximizing resource usage and resource consolidation.
- Simplified and centralized management for multi-tenant environments.

**VDI and RDSH Provisioning on Microsoft Azure**
- Enhance flexibility of VDI and RDSH deployments by mixing and matching on-premises, hybrid, multi- and public cloud environments.
- Faster deployments with built-in Microsoft Azure APIs.