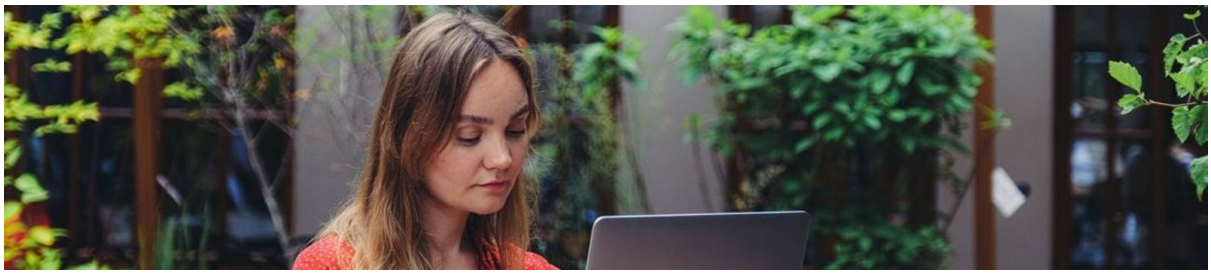
TECHNOLOGY BRIEF · CLOUD DESKTOP

Azure Virtual Desktop

your desktop and apps in Microsoft's Australian cloud, run end to end by whedo.it



Short answer: Azure Virtual Desktop (AVD) puts your Windows desktop and business applications in Microsoft's Australian cloud. The work happens on session hosts in Azure and only the screen travels to the user's device, so staff get the same desktop at the office, at home, at a regional branch or on the road. whedo.it designs, builds and runs it with Nerdio, and supports your people every day.

Why businesses use it

- **One desktop, anywhere.** The same desktop and files at a branch, at home or on the road, through Windows App on Windows, macOS, iOS/iPadOS, Android/ChromeOS or a browser.
- **Data stays in Azure,** not on the laptop, when drive and clipboard redirection are controlled.
- **Only the apps each role needs.** Individual applications can be published instead of a full desktop (RemoteApp), and they appear as normal apps in Windows App.
- **Cost you can control.** Compute is only charged while hosts run, so hosts can be powered down when nobody needs them.

What whedo.it does

Area	What we do
Design & build	Host pools, Microsoft Entra joined session hosts and workspaces in Australian Azure regions, sized to your users and apps.
Nerdio management	We run AVD with Nerdio: automated scaling that powers hosts down when they aren't needed, image management and scripted host build steps.

Area	What we do
Profiles	FSLogix profile containers on Azure Files, so each user's settings follow them to whichever host they sign in to.
Published apps	Full desktops or role-based published apps, so each team only sees what it needs.
Sign-in security	Multi-factor authentication enforced with Conditional Access. Business Premium includes the Microsoft Entra ID P1 licence it needs.
Support	Australian help desk with named engineers. P1 response inside 30 minutes during business hours, against a 99.9% AVD availability target.

Key facts

Fact	Detail
Operating system	Windows 11 Enterprise multi-session (several users per host); Windows 11 Enterprise and Windows Server are also supported.
Licensing	For internal business use, Microsoft 365 Business Premium (also E3, E5, A3, A5, F3) includes the right to run Windows 11 Enterprise and multi-session on AVD. No separate Windows licence.
Where it runs	In Australian Azure regions: Australia East (New South Wales) and Australia Southeast (Victoria).
How you pay for compute	Azure compute is charged while a session host runs. A deallocated (powered-down) host isn't billed for compute; its disks and networking still are.
Bandwidth	Microsoft recommends 1.5 Mbps for light, 3 Mbps for medium, 5 Mbps for heavy and 15 Mbps for power workloads, with less than 0.1% packet loss.

Who it suits: multi-site and regional businesses (we run AVD for a 30-site regional network), teams who work from home, client sites or mine sites (like a 60-person consultancy we support across WA, Brisbane and Africa), and anyone who wants central control of business applications and data.

Next step

Book a 30-minute scoping call. We'll tell you whether AVD fits and what it would cost to run. Warren Ephron · 0421 346 887 · warren@whedoit.com

Sources: Microsoft Learn (Azure Virtual Desktop, Azure, FSLogix, Windows App, Microsoft 365) and Nerdio. Full links in the whedo.it technology guide.