LOGZILLA DOCUMENTATION

Microsoft Avd

LogZilla App Store application: Microsoft Avd

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Overview

Azure Virtual Desktop (AVD) is a desktop and app virtualization service running on Azure. AVD session hosts generate events for health monitoring, connection tracking, and agent status through the Microsoft.RDInfra infrastructure components.

App Function

- Parse AVD events from Microsoft.RDInfra.* programs
- Extract health check status including FSLogix profile container health
- Categorize events by component (HeartbeatService, SessionController, etc.)
- Provide dashboard for monitoring AVD session host health
- Alert on failed health checks and FSLogix issues

Vendor Documentation

- AVD Session Host Health Checks (https://learn.microsoft.com/en-us/azure/virtual-desktop/session-host-status-health-checks)
- Troubleshoot AVD Agent (https://learn.microsoft.com/en-us/troubleshoot/azure/virtual-desktop/troubleshoot-agent)
- FSLogix Documentation (https://learn.microsoft.com/en-us/fslogix/)

Device Configuration

Configure LogZilla Windows Agent on AVD session hosts:

Install LogZilla Windows Agent on each session host
Enable RemoteDesktopServices event log forwarding
Configure the agent to send events to the LogZilla server

Verification

Generate activity on the session host, then verify events appear in LogZilla with program names starting with `Microsoft.RDInfra`.

Incoming Log Format

AVD events arrive via the LogZilla Windows Agent with program names following this pattern:

```
Microsoft.RDInfra.<Component>.<Subcomponent>
```

- **Component** - RDAgent, Messaging, Diagnostics
- **Subcomponent** - Service.HeartbeatService, ConnectionTrackingService, etc.

Health check events contain embedded JSON with check results.

Parsed Metadata Fields

Tag Name	Example	Description
Vendor	Microsoft	Vendor name
Product	Azure Virtual Desktop	Product identifier
Event Class	System	Cross-vendor classification
Event Type	Service	Event type from taxonomy
AVD Component	Service.HeartbeatService	RDInfra subcomponent path
AVD Event Type	Health Check	AVD-specific event category
AVD Health Status	Healthy	Overall health status
AVD Failed Checks	FSLogix, DomainJoin	Failed health check names
FSLogix Status	Healthy	FSLogix profile health
FSLogix Profile Status	Enabled	Profile registry status
Criticality	High	Event priority level

Log Examples

Health Check - All Healthy

```
HeartbeatService sending to broker [{"HealthCheckName":0,"HealthCheckResult":1,
"AdditionalFailureDetails":{"Message":"SessionHost healthy: is joined to domain
```

example.com","ErrorCode":0}}]

Health Check - FSLogix Failed

HeartbeatService sending to broker [{"HealthCheckName":2,"HealthCheckResult":0,
"AdditionalFailureDetails":{"Message":"FSLogix healthy=false
ProfileRegistryStatus=Disabled","ErrorCode":1}}]

Heartbeat Ping

0: Heartbeat service sending out ping...

Triggers

Trigger	Description
AVD: FSLogix Health Check Failed	FSLogix profile container failure
AVD: Session Host Health Check Failed	Any health check failure
AVD: Domain Join or Trust Issue	Domain-related failures
AVD: SxS Stack Degraded	Side-by-side stack issues