



Azure Security Best Practices

How to securely deploy Azure Infrastructures

Tom Janetscheck | Lead Consultant | Microsoft MVP





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about.me

Tom Janetscheck

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15 years experience with Microsoft infrastructure solutions
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Cloud momentum continues to accelerate



“The question is no longer:
‘How do I move to the cloud?’
Instead, it’s ‘Now that I’m in the
cloud, how do I make sure I’ve
**optimized my investment and risk
exposure?**”¹



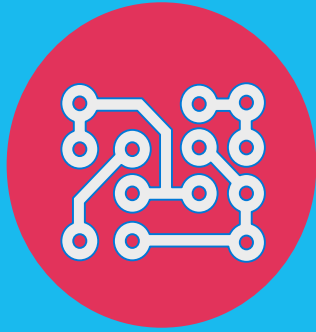
“By 2020 clouds will stop being
referred to as ‘public’ and ‘private’. It
will simply be **the way business is
done** and IT is provisioned.”²

¹KPMG: [2014 Cloud Survey Report, Elevating business in the cloud, December 10, 2014](#)

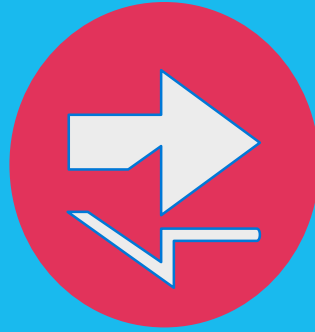
²IDC: [IDC Market Spotlight, Cloud Definitions and Opportunity, April 2015](#)



But cloud security concerns persist



Management is increasingly distributed



Cloud environments are more dynamic



Attackers continue to innovate



"Through 2020, 95 percent of cloud security failures will be the customer's fault" – Gartner



Source: Gartner Reveals Top Predictions for IT Organizations and Users for 2016 and Beyond, October 2015, <http://www.gartner.com/newsroom/id/3143718>



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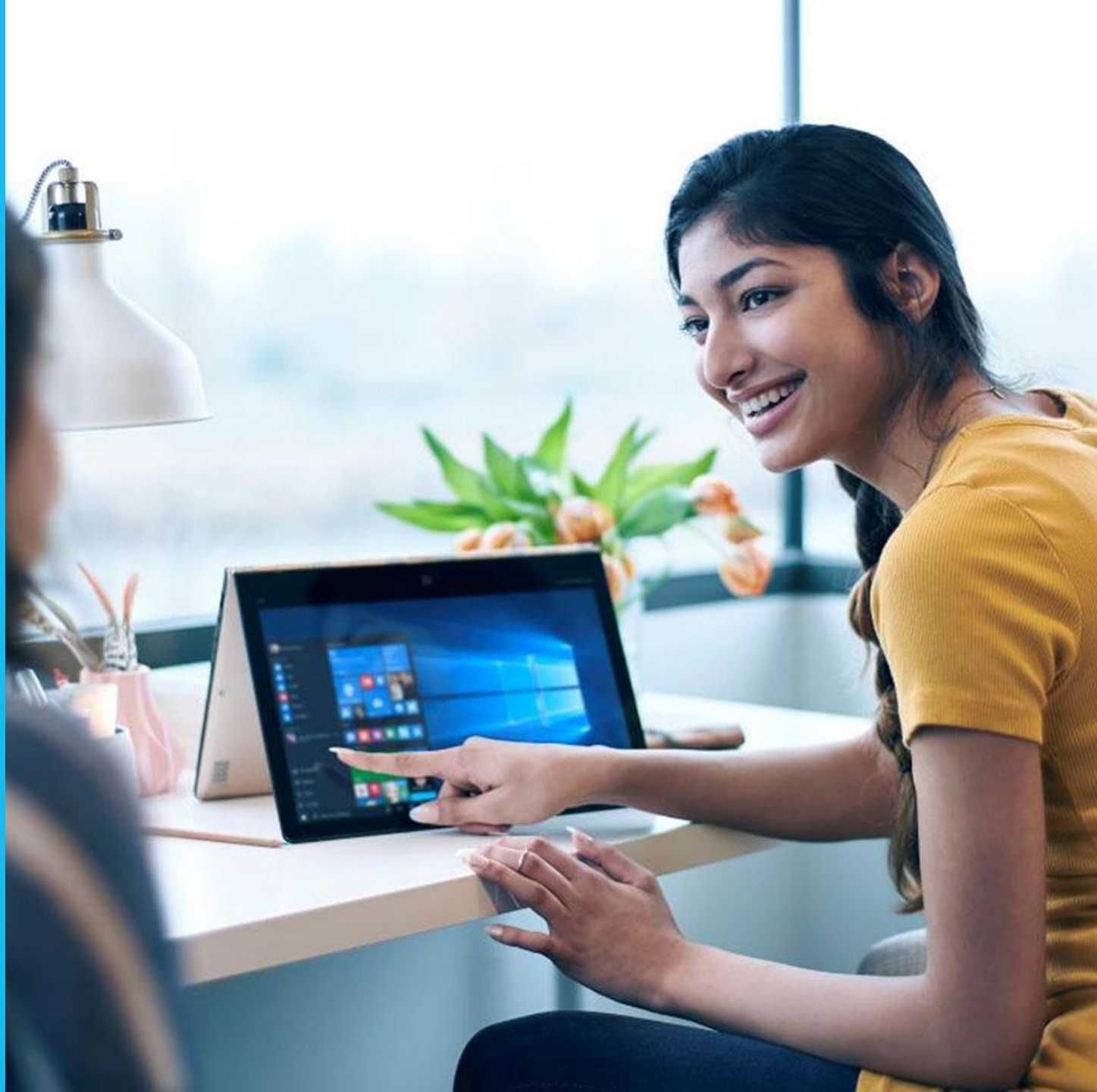
SECURING THE PLATFORM

Security
Privacy and Control
Transparency
Compliance

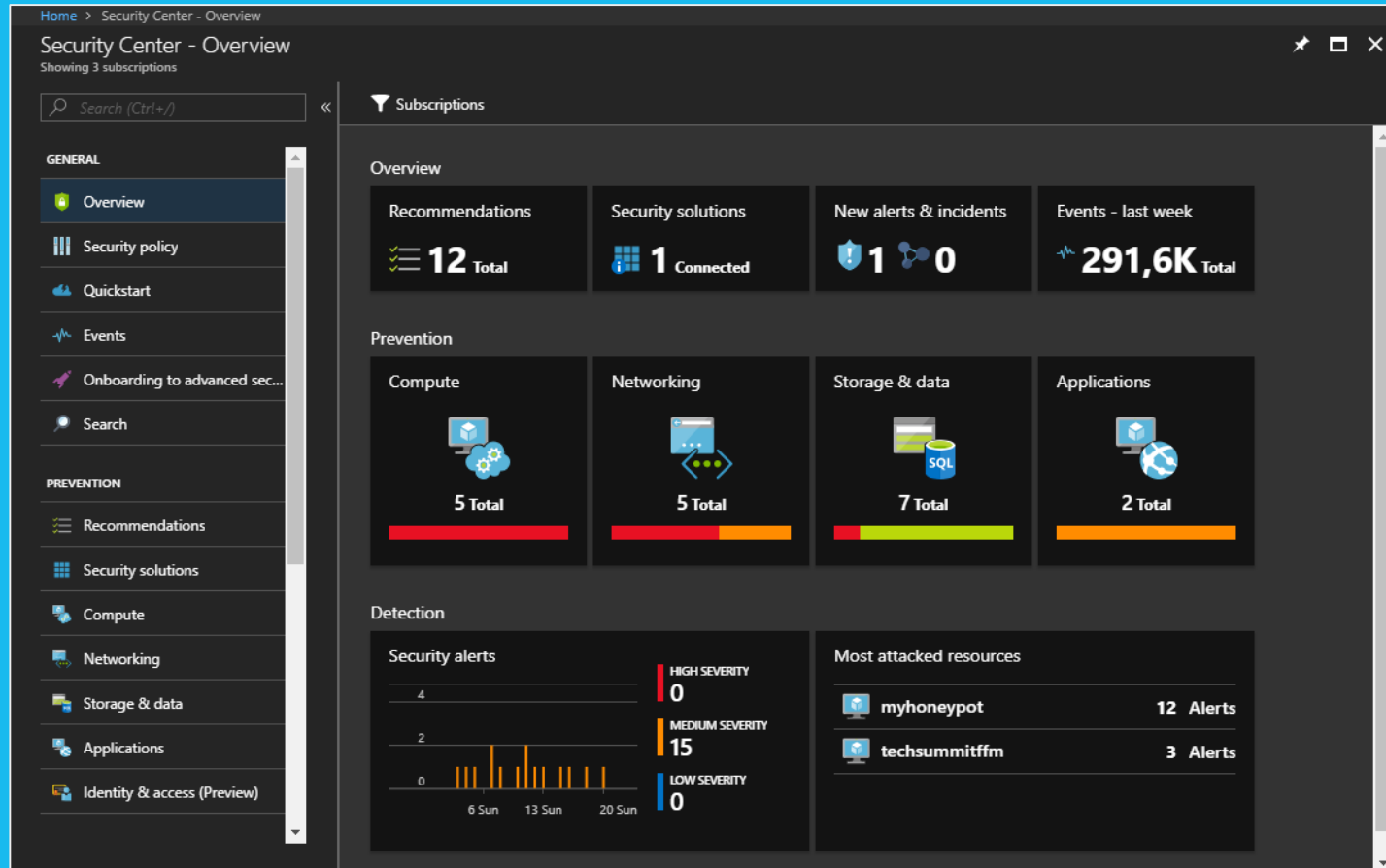
EMPOWERING YOU

Identity and Access
Encryption
Secure VMs and Networks
Threats Protection
Partner Solutions

Azure Security Center



Azure Security Center





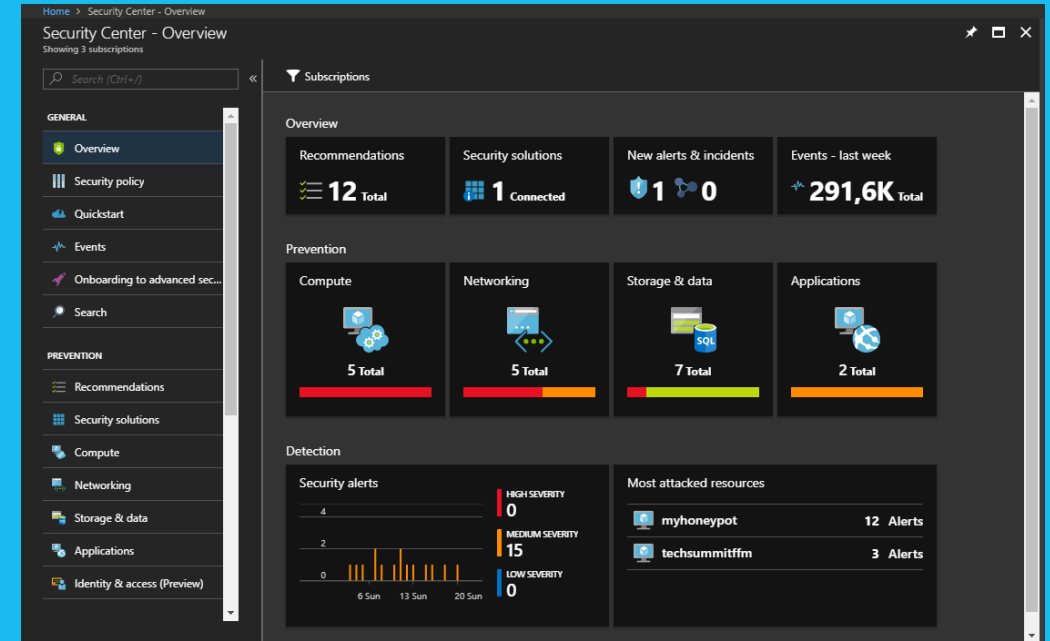
Azure Security Center

Unified Management

One place to rule it all

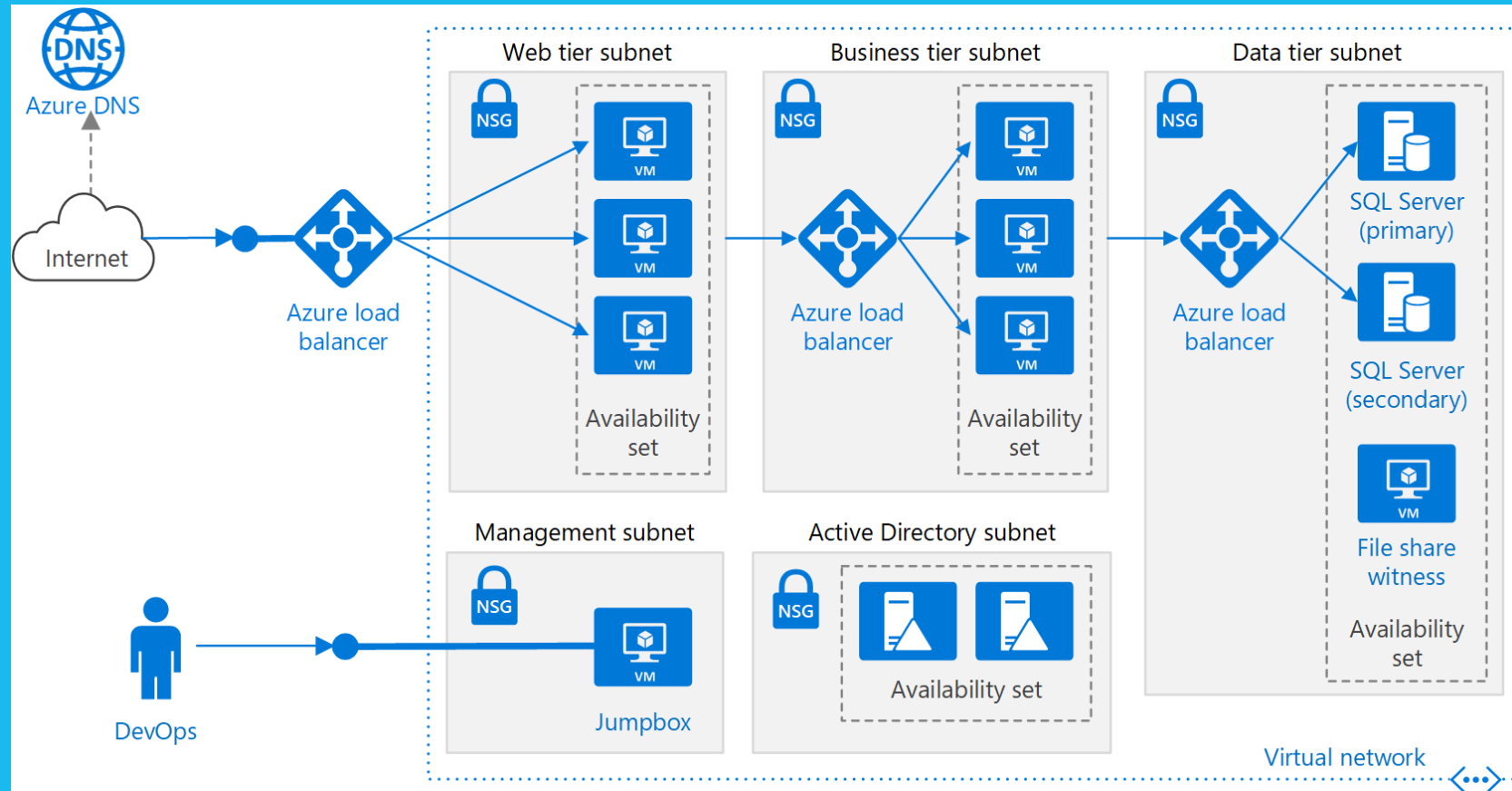
Limit your exposure to threats

Find vulnerabilities and remediate quickly



Azure reference architecture

n-tier application





Demo



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Thank you!

