March 13th, 2024

Open Confidential Computing Conference



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Moving Microsoft's \$25 billion per year credit card processing system to Azure confidential computing

Should you move your most sensitive workloads to the cloud?



Brad Turner Principal Security Architect Commerce Financial Services Microsoft



Simon Gallagher Technical Program Manager Azure Confidential Computing Microsoft

Why migrate high security environments (HSE) to the cloud?





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Should I trust the cloud with my confidential data and secrets?

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What sort of precautions should I take to move them?

Is cryptography in the cloud safe?





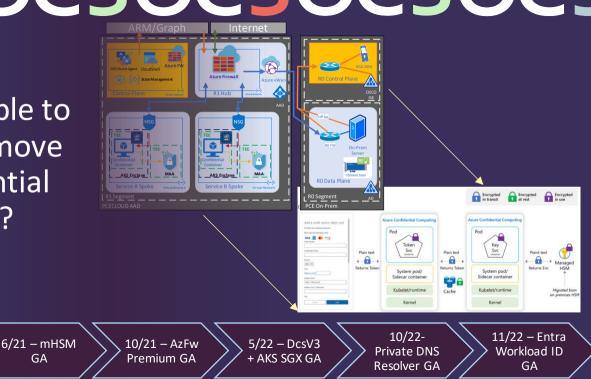
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Was it simple to make the move to confidential computing?

3/20 - PE for

Storage &

Cosmos DB



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How does the future look?

Don't miss Rob's session up next!

Lessons learned: Operational security for an Azure hosted confidential computing application



Robert Beyreis Principal Security Engineering Manager Commerce Financial Services Microsoft

Contact us!

commerceoc3@microsoft.com

https://aka.ms/acc-pce

Microsoft Sessions at OC3 2024 On Stage 1:

- 08:45-09:00 AM PT "Moving Microsoft's \$25 billion per year credit card processing system to Azure confidential computing" by Simon Gallagher and Brad Turner
- 09:00-09:15 AM PT "Lessons learned: Operational security for an Azure hosted confidential computing application" by Robert Beyreis

On Stage 2:

- 08:15-08:45 AM PT "Confidential computing with Always Encrypted using enclaves" by Pieter Vanhove
- 14:15-14:45 PM PT "Using TDISP to extend attestation to devices connected to a Trusted Execution Environment" by Alec Fernandez

Panel Discussion:

• 13:00 – 13:30 – "The status quo and potential of Confidential AI" by Mark Russinovich