

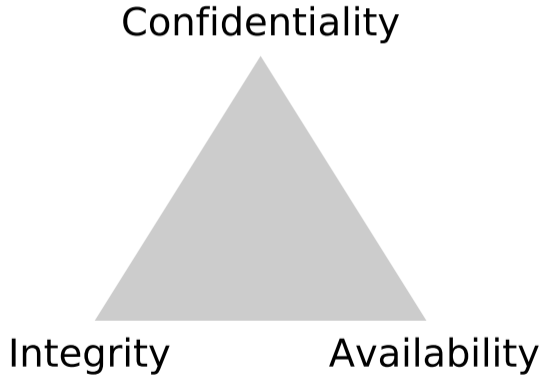


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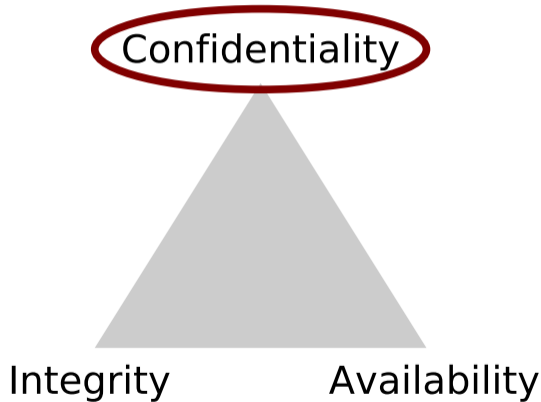
The Quest for Privacy in the Consumer IoT

Johanna Ullrich, Artemios G. Voyiatzis, Edgar Weippl

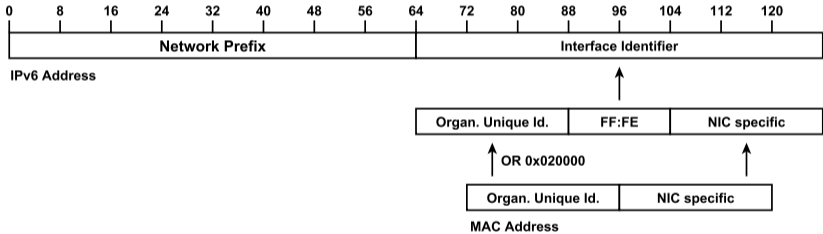
CIA Triad and the Consumer



CIA Triad and the Consumer



IPv6 Addresses



IPv6 Address Formats

	<i>Modified EUI-64</i>	<i>Stable (Manual)</i>	<i>Sem. Opaque Id.</i>	<i>CGA</i>	<i>Privacy Extension</i>
Temporal Correlation	-	-	-	-	-
Geographical Correlation	-	-	✓	✓	-
Mac OS X Yosemite	✓	✓	-	-	✓
Ubuntu 14.10	✓	✓	-	-	✓
Windows 8.1	✓	✓	-	-	✓

Privacy by Design

... include privacy into the device by design like any other functionality.



Towards Consumer Participation

It is the consumer who buys the device.

It is the consumer's data that is processed.

Questions?

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