IoTivity: a standard, open-source framework for tomorrow’s IoT

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November 25, 2016
Table of contents

Introducing IoTivity

Architecture of IoTivity

Perspectives & Evolution
By 2021, what will be the total number of IoT devices connected?

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- Markets&Markets value 2022’s IoT market to 884 B$
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Global architecture and functions

IoTivity

- comes in two sizes: Rich and Lite devices
- takes care of setup, communications, and security of the network
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Global architecture
Base architecture

<table>
<thead>
<tr>
<th>Component (Base Layer)</th>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discovery</td>
<td>Multicast Discovery, Device Presence</td>
<td>Discover Resource, check device presence</td>
</tr>
<tr>
<td></td>
<td>Resource Introspection</td>
<td>Resource type/property management</td>
</tr>
<tr>
<td>Messaging</td>
<td>CoAP Messaging</td>
<td>Transmit message between devices</td>
</tr>
<tr>
<td></td>
<td>Message switching</td>
<td>Routing thru hetero-connectivity devices</td>
</tr>
<tr>
<td></td>
<td>Block-wise Transfer</td>
<td>Block data transfer (more than 1KB data)</td>
</tr>
<tr>
<td></td>
<td>Connectivity Abstraction</td>
<td>Wi-Fi, BLE, BT abstraction with CoAP</td>
</tr>
<tr>
<td></td>
<td>Remote Access</td>
<td>Home to out of home device connection</td>
</tr>
<tr>
<td></td>
<td>CoAP over TCP</td>
<td>Reliable Transmission, It can be used for messaging between device and cloud</td>
</tr>
<tr>
<td>Security</td>
<td>DTLS</td>
<td>Secure data channel with encryption</td>
</tr>
<tr>
<td></td>
<td>Security Resource Manager</td>
<td>Access control (CRUD), Key Management</td>
</tr>
<tr>
<td></td>
<td>Security Provisioning Manager</td>
<td>Transmit credential for authentication</td>
</tr>
</tbody>
</table>
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Architecture of IoTivity

Service architecture

<table>
<thead>
<tr>
<th>Component (Service Layer)</th>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resource Encapsulation</td>
<td>Active Discovery, Broker</td>
<td>Dynamic Resource discovery/monitoring</td>
</tr>
<tr>
<td></td>
<td>Cache, Server Builder</td>
<td>Resource data Pre-fetch with Getter/Setter API</td>
</tr>
<tr>
<td>Resource Container</td>
<td>Bundle Loader</td>
<td>Dynamic loading of Resource server</td>
</tr>
<tr>
<td></td>
<td>Configuration file</td>
<td>Lifecycle configuration of Resource server</td>
</tr>
<tr>
<td>Device Management</td>
<td>Group Manager (Control)</td>
<td>Simultaneously control multiple devices</td>
</tr>
<tr>
<td></td>
<td>Device Configuration</td>
<td>Device initialization and configuration</td>
</tr>
<tr>
<td></td>
<td>Multi-PHY Easy Setup</td>
<td>Network setting with mobile device help</td>
</tr>
<tr>
<td>Low-Power Management</td>
<td>Resource Directory</td>
<td>DNS service for Resource</td>
</tr>
<tr>
<td></td>
<td>Resource Hosting</td>
<td>Delegate resource response to smart device</td>
</tr>
<tr>
<td>Data Management</td>
<td>Soft Sensor</td>
<td>Virtual sensor by sensor data aggregation</td>
</tr>
<tr>
<td></td>
<td>Protocol Bridge</td>
<td>Message translation between different protocol</td>
</tr>
<tr>
<td></td>
<td>Multi Platform Noti. Service</td>
<td>status message transmission (Tizen, Android)</td>
</tr>
</tbody>
</table>
Participation

In addition to OCF members, anyone can contribute by following these steps:

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- Respecting coding guidelines
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Future presence

IoTivity might become the widest-spread IoT implementation

- Since its fusion with AllJoyn, OCF is the de-facto standard ruler for IoT
- Open-source implementation and permissive Apache License
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Thank you for your attention! Any questions?
Further Reading

- **Introduction, Architecture and HowTos**
  wiki.iotivity.org

- **Markets**
  Markets, Ericsson
  Internet of Things Technology Market Growth Forecasts to 2020’s horizon

- **Open Connectivity Foundation**
  en.wikipedia.org/wiki/OpenConnectivityFoundation