Welcome
prpl Summit 2019
Tweet and shout
#prplsummit19
THANK YOU

YOU!
prpl is working to enable a common service ecosystem for ISP customer premise equipment.
Lead Open Source development

Open Source to scale TV & CPE

Open Source + Open API = Open CPE

Open Source as a business
Who is prpl

Chipset makers, CPE manufacturers, Software Vendors, Internet Service Providers, Research Institutions and Individual Members
Bringing together the whole ISP value chain

Open API + Open Source

Advocacy + Security
Current activities

On-device

Device Management / Remote Management

API to install, update & remove services

Harmonize commercial OpenWrt™ deployments

API to bring services to CPEs

Open Source EasyMesh™

API for faster onboarding of new CPE chipsets

SoC  WiFi  xDSL  xPON  IoT
<table>
<thead>
<tr>
<th>Time</th>
<th>Day 1</th>
<th>Day 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM - 9:15 AM</td>
<td>Registration</td>
<td>Registration</td>
</tr>
<tr>
<td>9:15 AM - 9:30 AM</td>
<td>Welcome</td>
<td>Welcome</td>
</tr>
<tr>
<td>9:30 AM - 10:15 AM</td>
<td>A Service Provider’s perspective</td>
<td>SmartOS – prplWrt for commercial products</td>
</tr>
<tr>
<td>10:15 AM - 10:45 AM</td>
<td>Morning break</td>
<td>Morning break</td>
</tr>
<tr>
<td>10:45 AM - 11:30 AM</td>
<td>HL API + USP on HL API</td>
<td>Lifecycle Management</td>
</tr>
<tr>
<td>11:45 AM - 12:30 AM</td>
<td>Delivering a Carrier Class Connected Home Experience</td>
<td>Topology &amp; Device Mapping</td>
</tr>
<tr>
<td>12:30 PM - 1:30 PM</td>
<td>Lunch</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:30 PM - 2:15 PM</td>
<td>Open Source at Service Providers (panel)</td>
<td>Security</td>
</tr>
<tr>
<td>2:30 PM - 3:15 PM</td>
<td>prplWrt</td>
<td>Working Groups</td>
</tr>
<tr>
<td>3:15 PM - 3:45 PM</td>
<td>Afternoon break</td>
<td>Afternoon break</td>
</tr>
<tr>
<td>3:45 PM - 4:30 PM</td>
<td>LL API + SoC panel</td>
<td>Working Groups</td>
</tr>
<tr>
<td>4:45 PM - 5:30 PM</td>
<td>prplMesh</td>
<td>The year ahead</td>
</tr>
</tbody>
</table>
Thank you

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A Service Providers Perspective on prpl

Mike Talbert
October 23, 2019
Wi-Fi & Internet are essential to our daily lives
Broadband Needs are Segmenting
Standardized Platforms Drive Innovation & Scale

**Personal Computers**
- Windows
- MacOS
- ChromeOS

**Mobile Phones**
- Android
- iOS

**Cloud Servers**
- Ubuntu Linux
- RedHat Linux
- Windows Server
Components of Next Generation home

Cloud Management

3rd Party Services

Premises Network Infrastructure
Platform based on prpl

Premises Network Infrastructure

Services Based Platform

Bootloader

Kernel

Common Data Store

Containerized Applications
Cloud Management Functionality

- Object Orchestration
- Standardized Interface into OSS/BSS
- Proactive Telemetry
3rd Party Services

- Customer Experience Enhancing
- Revenue Generating
- Operational Support Enhancements
But how do we get there?
Standards Efforts are Not New for Operators