

Candidate Types of Information that Need to be Exchanged Between SME's

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- The following list was developed as a generic list of types of information needed to be represented in a generic Meta Language for all network configuration, device provisioning etc.
 - The questions for discussion is how many of these are required for TVWS Coexistence SME's.
 - It is also possible that those determined to be required will need additional detail added
- 1) Capabilities of the nodes (e.g., frequency bands, modulations, end user data encoding, bandwidths, and interconnections - within the device between components and between devices in the backhaul);
 - 2) Networks available to a user (parameters, restrictions, costs);
 - 3) Security / privacy (capability, constraints, policies);

- 4) Information priorities (an emergency call vs. just a “how are you” message);
- 5) Local spectrum (RF) situation (spectrum activity, propagation properties);
- 6) Network to subscriber & subscriber to network control (policies);
- 7) Manufacturer matters (hardware and software policies);
- 8) Types of users (authority, priority, etc.);
- 9) Types of data (Async., Isoc., narrow band, broad band, etc.);
- 10) Local regulatory framework (e.g., policies at a given geo location, time of day, emergency situation, etc.);
- 11) Time of Day (at both ends of session and important points in between);

12) Geographic Location (in three space, surrounding geography/architecture).