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Perspectives on Architecture for IEEE

802.19.1

Date: November 11, 2010

Authors:

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Presentation Objectives

- **Work Has Been Underway for Several Years**
- **Led to Inputs to & Formation Of & Early Work In IEEE 802.19.1**
- **Work Moved to Intercloud Focus**
- **Purpose of this Presentation is To Bring This Intercloud Work & Explore How it Relates to TVWS Coexistence**

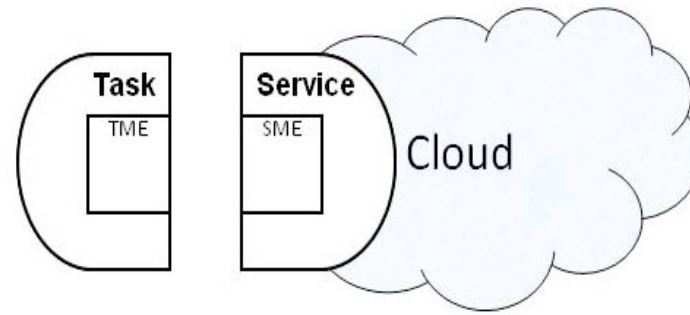
Application of the Intercloud Information

- **TVWS Depends on a TVWS Data Base Server Which May be in a Cloud & Therefore the Intercloud Issue Is of Interest**
 - Multiple Data Base Service Providers
 - Multiple Regulatory Authorities Interacting With Multiple Service Providers
- **If the Data Base Service supports “Discovery” it May be More Important**
- **For Purposes of Considering Coexistence Itself**
 - Substitute TVWS Device for “Server” & “Task”

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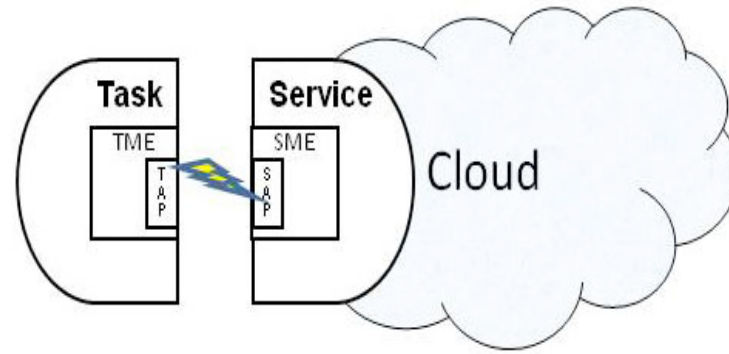
State Zero



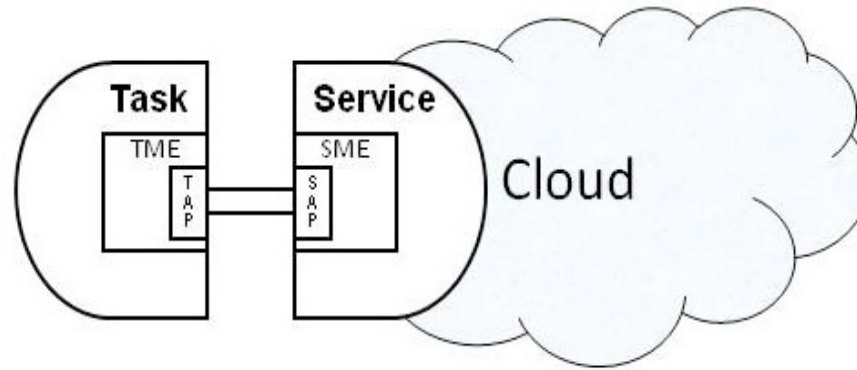
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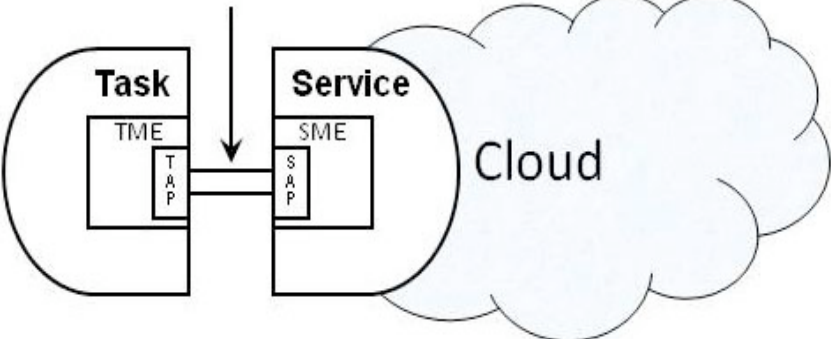
DISCOVERY



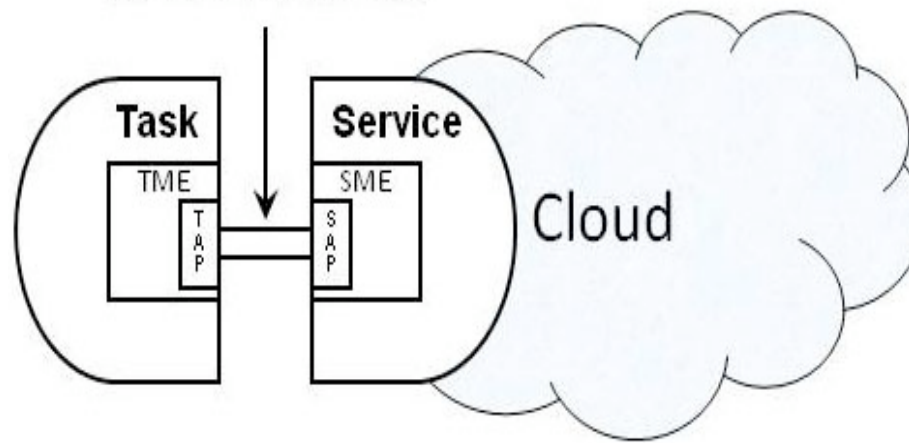
CONNECTION



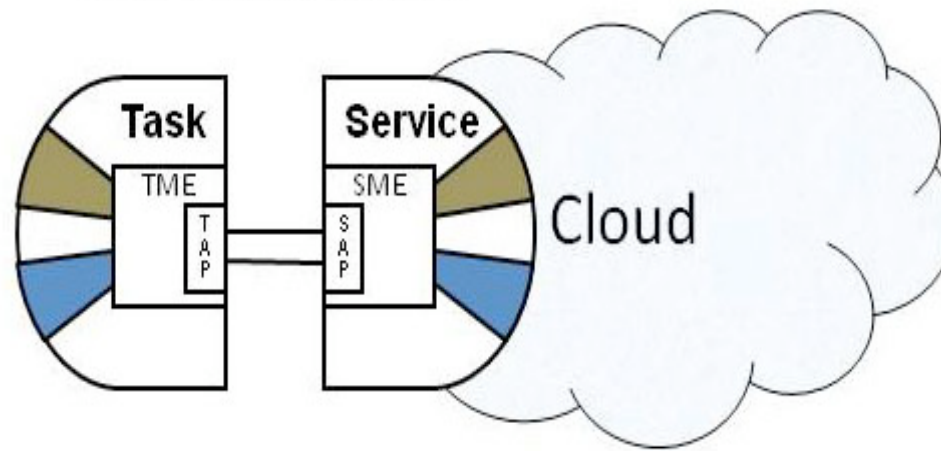
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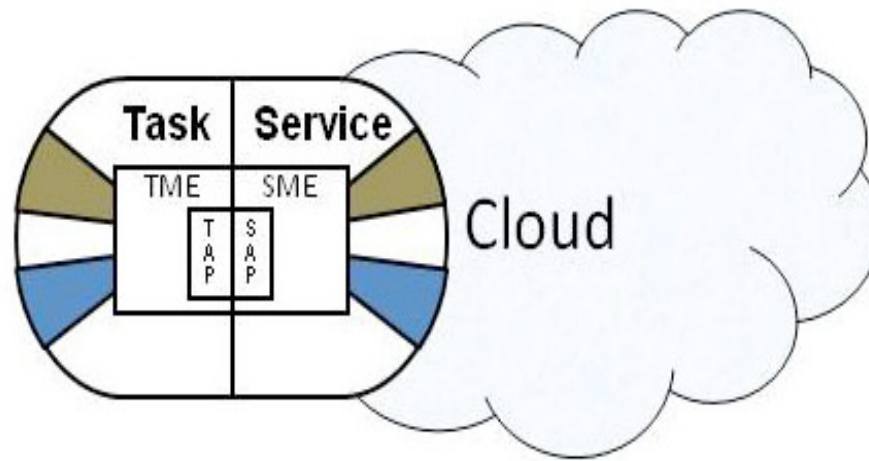
NEGOTIATION



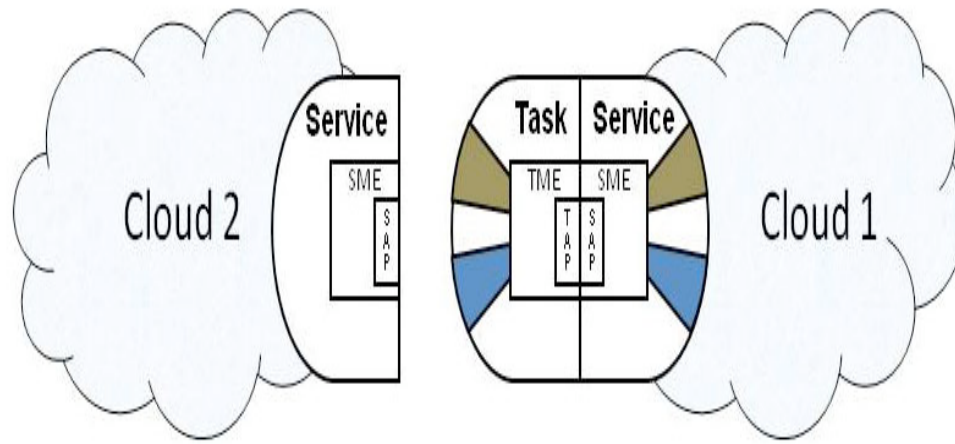
CONFIGURATION



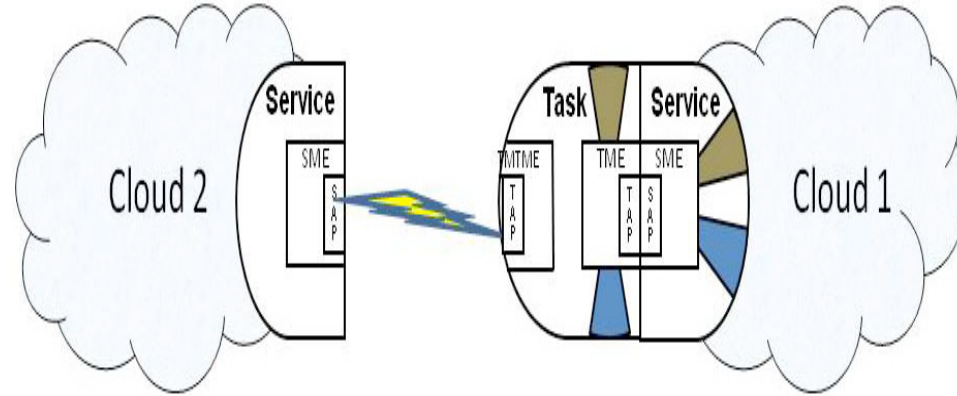
Initiation / Maintenance

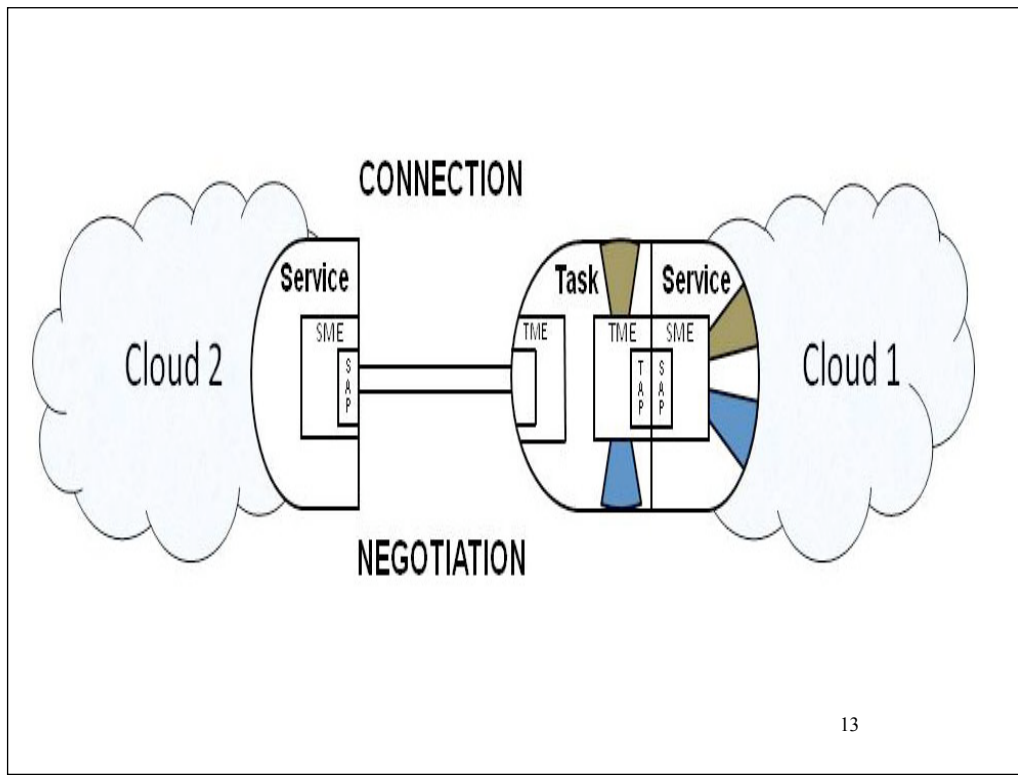


State Zero Prime

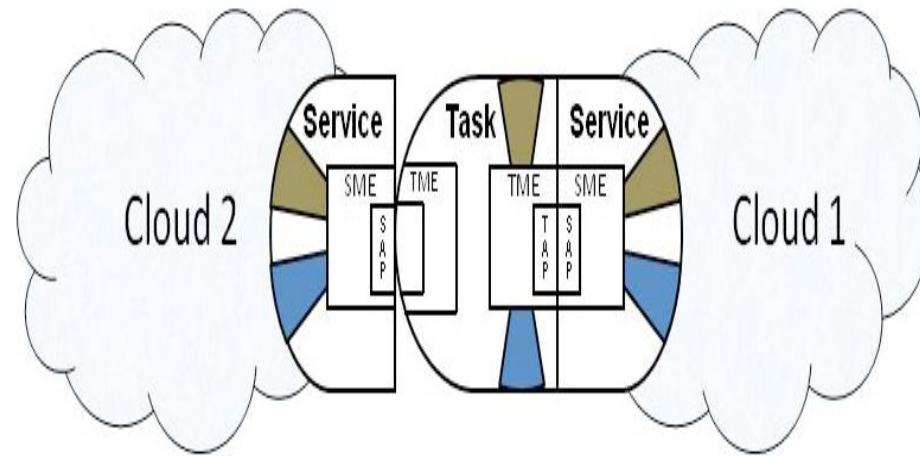


Discovery





Configuration



Initiation / Maintenance

