IEEE P802.11  
Wireless LANs

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| OCI usage in 11az | | | | |
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Abstract

This submission proposes some text changes to clarify that use of OCI in 11az is optional inline with REVme spec.

***TGaz editor: Modify the following text in P214L5 of 11az draft 3.1 as follows:***

It then composes an RSNE in which:  
— Chosen AKM and Pairwise cipher is included;  
—MFPC and MFPR (see 9.4.2.24.4 RSN capabilities) in the RSN capabilities field  
 are set to 1; (#5374)

* If dot11RSNAOperatingChannelValidationActivated is true, OCVC (see 9.4.2.24.4 RSN capabilities) in the RSN capabilities field is set to 1
* No Pairwise bit is set to 0

***TGaz editor: Modify the following text in P216L15 of 11az draft 3.1 as follows:***

Otherwise, if the validation is successful, the AP with the chosen finite cyclic group, generates an  
ephemeral (random) private key, and uses the selected group’s scalar operation with the private key  
to generate its ephemeral public key.  
— Derives the PTKSA; see 12.12.7 (PTKSA derivation with PASN authentication)  
— Constructs and includes in the second PASN frame  
— An RSNE that contains

— Chosen Base AKM and Pairwise cipher  
— MFPC and MFPR (see 9.4.2.24.4 RSN capabilities) in the RSN capabilities field  
 are set to 1. (#5374)

* If dot11RSNAOperatingChannelValidationActivated is true, OCVC (see 9.4.2.24.4 RSN capabilities) in the RSN capabilities field is set to 1

***TGaz editor: Modify the following text in P214L34 of 11az draft 3.1 as follows:***

— Including an OCI Element containing an OCI element as defined in 9.4.2.236 (OCI  
 element) if dot11RSNAOperatingChannelValidationActivated is true (#5374

***TGaz editor: Modify the following text in P215L32 of 11az draft 3.1 as follows:***

— if dot11RSNAOperatingChannelValidationActivated is true and the peer STA’s  
RSNE indicated OCVC capability, it validates that an OCI element is present and the Channel information in the element matches current operating channel parameters (see 12.2.9 (Requirements for Operating  
Channel Validation)). Otherwise, if there is a mismatch, processing status is set to  
OCI\_MISMATCH (#5374)

***TGaz editor: Modify the following text in P216L34 of 11az draft 3.1 as follows:***

— If dot11RSNAOperatingChannelValidationActivated is true including an OCI Element containing an OCI element as defined in 9.4.2.236 (OCI  
 element) (#5374)

***TGaz editor: Modify the following text in P217L28 of 11az draft 3.1 as follows:***

— If dot11RSNAOperatingChannelValidationActivated is true and and the peer STA’s  
RSNE indicated OCVC capability, it validates that an OCI element is present and the Channel information in the element  
 matches current operating channel parameters (see 12.2.9 (Requirements for Operating  
 Channel Validation)). Otherwise, if there is a mismatch, processing status is set to  
 OCI\_MISMATCH. (#5374)

***TGaz editor: Modify the following text in P218L17 of 11az draft 3.1 as follows:***

— If dot11RSNAOperatingChannelValidationActivated is true including an OCI Element containing an OCI element as defined in 9.4.2.236 (OCI  
 element) (#5374)

***TGaz editor: Modify the following text in P218L25 of 11az draft 3.1 as follows:***

— If dot11RSNAOperatingChannelValidationActivated is true validates that an OCI element is present and the Channel information in the element  
 matches current operating channel parameters (see 12.2.9 (Requirements for Operating  
Channel Validation)). Otherwise, if there is a mismatch, processing status is set to  
 OCI\_MISMATCH (#5374)