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Title	**Clarifications for Operational ranges of Privacy Configuration Settings in PKMv2**	
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Re:	IEEE Std 802.16e-2005	
Abstract	The document contains suggestions on the operational ranges of privacy configuration settings in PKMv2	
Purpose	Adoption of proposed changes into Std. 802.16e-2005	
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Clarifications for Operational ranges of Privacy Configuration Settings in PKMv2

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ETRI

Introduction

The existing operational ranges of privacy configuration settings are ambiguous and impractical for PKMv2.

Hence, it is necessary to clarify the operational ranges of privacy configuration settings for PKMv2.

Proposed changes to IEEE Std 802.16e-2005

10.2 PKM parameter values

~~*[Insert rows in 10.2 Table 343 as indicated:]*~~

[Change Table 343 as follows:]

Table 343a-Operational ranges for privacy configuration settings for PKMv2

System	Name	Description	Minimum value	Default value	Maximum value
MS, BS	PMK or PAK pre-handshake lifetime	The lifetime assigned to PMK when created	5 s	10 s	15 min (900 s)
BS	PMK lifetime	If MSK lifetime is unspecified (i.e., by AAA server). PMK lifetime shall be set to this value (in seconds)	~~60~~ 1 h (3 600 s)	~~3600~~ 12 h (43 200 s)	~~86400~~ 24 h (86 400 s)
BS~~, MS~~	SAChallengeTimer	Time prior to re-send of SA-TEK-Challenge (in seconds)	0.5 s	1.0 s	2.0 s
BS~~, MS~~	SaChallengeMaxResends	Maximum number of transmissions of SA-TEK-Challenge	1	3	3
MS~~, BS~~	SATEKTimer	Time prior to re-send of SA-TEK-Request (in seconds)	0.1 s	0.3 s	1.0 s
MS~~, BS~~	SATEKRequestMaxResends	Maximum number of transmissions of SA-TEK-Request	1	3	3
BS	PAK lifetime	Lifetime, in seconds, BS assigns to new PAK.	1 day (86 400 s)	7 days (604 800 s)	70 days (6 048 000 s)
BS	TEK Lifetime	Lifetime, in seconds, BS assigns to new TEK	30 min (1 800 s)	3 h (10 800 s)	12 h (43 200 s)
MS	Authorize Wait Timeout	Auth Req retransmission interval from Auth Wait state	2 s	10 s	30 s
MS	Reauthorize Wait Timeout	Auth Req retransmission interval from Reauth Wait state	2 s	10 s	30 s
MS	Authorization Grace Time	Time prior to Authorization expiration SS begins reauthorization	5 min (300 s)	10 min (600 s)	1 h (3 600 s)
MS	Operational Wait Timeout	Key Req retransmission interval from Op Wait state	1 s	1 s	10 s
MS	Rekey Wait Timeout	Key Req retransmission interval from Rekey Wait state	1 s	1 s	10 s
MS	TEK Grace Time	Time prior to TEK expiration MS begins rekeying	1 min (60 s)	5 min (300 s)	1 h (3 600 s)
MS	Authorize Reject Wait Timeout	Delay before resending Auth Request after receiving Auth Reject	10 s	60 s	10 min (600 s)