



draft-ietf-schc-architecture-02

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Context



- New version -02
 - Define a generic architecture
 - Terminology
 - SCHC Header stratum has been introduced to generalize transport in different layers
 - Discriminator
 - SoR Instances
 - Management

SCHC Architecture



DEV		NGW		APP
{[(Encrypted Application Layer)]}	. . . . .			{[(EAL)]}
(Application Layer Protocol)	. . . . .			{(ALP)}
(SCHC)	. . . . .			{(SCHC)}
{[(Encrypted Security Layer)]}	. . . . .			{[(ESL)]}
{(Security Layer Protocol)}	. . . . .			{(SLP)}
{(SCHC)}	. . . . .			{(SCHC)}
(Transport Layer Protocol)	. . . . .	(TLP)	TLP	.TLP
{(SCHC)}	. . . . .	{(SCHC)}		
(Internet Layer Protocol)	. . . . .	(IP)	IP	.IP
(SCHC)	. . . . .	(SCHC)		
Network Layer Protocol	. . . . .			.NLP

Where: {} Optional; [] Encrypted; () Compressed.

SCHC Header Format



- Open format
 - Defined by stratum
 - Includes an ID & CRC
 - But not only
- SCHC Compressed header format

```
+ - - - - + - - - - - - - - - - +  
| Rule ID | Compressed Residue |  
+ - - - - + - - - - - - - - - - +
```

Next Steps



- SoR Identification
- Rule Format
 - Add new Attributes as Action