

| Field Name | Type                          | Description                                    |
|------------|-------------------------------|--|
| node       | A Pointer to PrefixNodeStruct | the first prefix node of the nodes linked list |
| nodeCount  | u_int16_t                     | the number of nodes in this entry              |

PrefixNodeStruct:

| Field Name   | Type                          | Description   |
|--------------|-------------------------------|---|
| next         | A Pointer to PrefixNodeStruct | pointer to the next node in the linked list                             |
| dataAttr     | A Pointer to AttrNodeStruct   | pointer to the corresponding attribute node in the attribute hash table |
| originatedTS | u_int32_t                     | indicates when this prefix is received                                  |
| keyPrefix    | PrefixStruct                  | the prefix  |

PrefixStruct:

| Field Name | Type           | Description           |
|------------|----------------|-----------------------|
| afi        | u_int16_t      | this prefix's afi     |
| safi       | u_int8_t       | this prefix's safi    |
| addr       | PAddressStruct | this prefix's content |

PAddressStruct:

| Field Name | Type         | Description   |
|------------|--------------|---|
| p_len      | u_int8_t     | this prefix's length  |
| paddr      | u_int8_t [ ] | this prefix's address, variable length indicated by prefixLen field |