User Credential API: **server_url/api/user/user/**

[POST] user-signup

Variable	Datatype	Mandatory	Description
api.auth	string	yes	API auth key provided by admin
api.version	string	yes	api version currently 1.0
data.action	string	yes	place "signup"
data.data.data.user_f_name	string	yes	user's first name, capitalize
data.data.data.user_m_name	string	no	user's middle name, capitalize, if any.
data.data.data.user_l_name	string	yes	user's last name, capitalize
data.data.data.user_email	string	yes	proper formatted email, place check on frontend.
data.data.data.user_password	string	yes	min 8 character, characters, numbers.
data.data.data.user_security_question	string	no	user specified security question, if any
data.data.data.user_security_answer	string	no	user specified security answer, if any.

```
{
    "api" : {
        "version" : "1.0",
        "auth" : "EiLSZOFWhJtRaHkAD5iwkIAzYmHTFaRfjUFL5r79THEvZXB3irJxC0Olwe6rzC9z"
    },
    "data" : {
        "action" : "signup",
        "data" : {
            "data" : {
                "user_f_name" : "First_Name",
                "user_m_name" : "Middle_Name",
                "user_l_name" : "Lase_Name",
                "user_email" : "email@domain.com",
                "user_password" : "_passeord_",
                "user_security_question" : "user security question?",
                "user_security_answer" : "user security answer."
            }
        }
    }
}
```

[POST] user-signin

Variable	Datatype	Mandatory	Description
api.auth	string	yes	API auth key provided by admin
api.version	string	yes	api version currently 1.0
data.action	string	yes	put "signin/login" as parameter.
data.data.hash	string	yes	api version currently 1.0

data.data.data.user_email	string	yes	proper formatted email id, place check on frontend.
data.data.data.user_password	string	yes	min 8 character, [a-zA-Z0-9~!@#$%^&*()_+]

```
{
    "api" : {
        "version" : "1.0",
        "auth" : "EiLSZOFWhJtRaHkAD5iwkIAzYmHTFaRfjUFL5r79THEvZXB3irJxC0Olwe6rzC9z"
    },
    "data" : {
        "action" : "signin",
        "data" : {
            "hash": "b'\\xd1\\xda\\xe5\\x86\\x93\\x0b\\xd3\\x12-
\\x14*;\\x85+\\xce\\xd1\\xc6XW\\xeb\\x8b\\xb0l\\xa3\\xca\\xbe\\xdf=c\\xf3l\\xd5'",
            "data" : {
                "user_email" : "email@domain.com",
                "user_password" : "_passeord_"
            }

        }

    }
}
```

[POST] user-signout

Variable	Datatype	Mandatory	Description
api.auth	string	yes	API auth key provided by admin
api.version	string	yes	api version currently 1.0
data.action	string	yes	put "signout/logout" as parameter.
data.data.hash	string	yes	user validation hash from stored in frontend or client cookie.

```
{
    "api" : {
        "version" : "1.0",
        "auth" : "EiLSZOFWhJtRaHkAD5iwkIAzYmHTFaRfjUFL5r79THEvZXB3irJxC0Olwe6rzC9z"
    },
    "data" : {
        "action" : "signout",
        "data" : {
            "hash": "b'\\xd1\\xda\\xe5\\x86\\x93\\x0b\\xd3\\x12-
\\x14*;\\x85+\\xce\\xd1\\xc6XW\\xeb\\x8b\\xb0l\\xa3\\xca\\xbe\\xdf=c\\xf3l\\xd5'"
        }

    }
}
```

[DELETE] user-delete (delete account)

Variable	Datatype	Mandatory	Description
api.auth	string	yes	API auth key provided by admin
api.version	string	yes	api version currently 1.0
data.data.hash	string	yes	user hash in case of self delete admin hash in case of deleting other accounts
data.data.user_id	array(integers)	no	only if admin is trying to delete other accounts 0 -> delete all(-1) [1,2,3,4] -> delete specific accounts

```
{
    "api" : {
        "version" : "1.0",
        "auth" : "EiLSZOFWhJtRaHkAD5iwkIAzYmHTFaRfjUFL5r79THEvZXB3irJxC0Olwe6rzC9z"
    },
    "data" : {
        "data" : {
            "hash": "b'bG\\xa5R@\\xc9\\xf7\\xa1\\xee|6!\\xf0T\\xe6\\x99F*O\\x18\\xa1>|\\xdc
\\x9c\\x1b\\x7f\\xceLry\\xa8'",
            "user_id" : ["a",1,2,3,4,5,12,13]
        }

    }
}
```

[PUT] user-put (change credential data)

Variable	Datatype	Mandatory	Description

api.auth	string	yes	API auth key provided by admin
api.version	string	yes	api version currently 1.0
data.data.hash	string	yes	user hash for authorization.
data.data.user_f_name	string	yes	user's first name, capitalize
data.data.data.user_m_name	string	no	user's middle name, capitalize
data.data.data.user_l_name	string	yes	user's last name, capitalize
data.data.data.user_email	string	yes	user's original email or changed email.

```
{
    "api" : {
        "version" : "1.0",
        "auth" : "EiLSZOFWhJtRaHkAD5iwkIAzYmHTFaRfjUFL5r79THEvZXB3irJxC0Olwe6rzC9z"
    },
    "data" : {
        "data" : {
            "hash": "b'bG\\xa5R@\\xc9\\xf7\\xa1\\xee|6!\\xf0T\\xe6\\x99F*O\\x18\\xa1>|\\xdc
\\x9c\\x1b\\x7f\\xceLry\\xa8'",
            "data" : {
                "user_f_name" : "C_First_Name",
                "user_m_name" : "C_Middle_Name",
                "user_l_name" : "C-Lase_Name",
                "user_email" : "c_email@domain.com"
            }

        }

    }
}
```

[FETCH] user-fetch (get data for specific account)

Variable	Datatype	Mandatory	Description
api.auth	string	yes	API auth key provided by admin
api.version	string	yes	api version currently 1.0
data.data.hash	string	yes	user hash in case of self delete admin hash in case of deleting other accounts
data.data.user_id	array(integers)	no	only if admin is trying to delete other accounts 0 -> delete all(-1) [1,2,3,4] -> delete specific accounts

```json
{
    "api" : {
        "version" : "1.0",
        "auth" : "EiLSZOFWhJtRaHkAD5iwkIAzYmHTFaRfjUFL5r79THEvZXB3irJxC0Olwe6rzC9z"
    },
    "data" : {
        "data" : {
            "hash": "b'bG\\xa5R@\\xc9\\xf7\\xa1\\xee|6!\\xf0T\\xe6\\x99F*O\\x18\\xa1>|\\xdc\\x9c\\x1b\\x7f\\xceLry\\xa8'",
            "user_id" : ["a",1,2,3,4,5,12,13,8,9,10]
        }

    }
}
```