

NVD数据格式0627

1.cve-patcher的es数据库的存储格式

```
nvd_mappings =
{
  "properties": {
    "No": {"type": "text"},
    "title": {"type": "text"},
    "description": {"type": "text"},
    "score": {"type": "text"},
    "source_url": {"type": "text"},
    "affected_software": {
      "type": "nested",
      "properties": {
        "software_name": {
          "type": "text",
        },
        "versions": {
          "type": "nested"
        },
        "versions_raw": {
          "type": "text"
        }
      }
    },
    "third_party_list": {"type": "nested"},
    "vendor_list": {"type": "nested"},
    "exploit_list": {"type": "nested"},
    "patch_list": {
      "type": "nested",
      "properties": {
        "time": {
          "type": "date"
        },
        "patch_url": {
          "type": "text"
        },
        "service_name": {
          "type": "text"
        },
        "patch_detail": {
          "type": "nested"
        }
      }
    }
  }
}
```

2.实例数据

没有patch的

```
{
  'No': 'CVE-2021-44430',
  'title': 'NVD - CVE-2021-44430',
  'description': 'A vulnerability has been identified in JT Utilities (All versions < V13.1.1.0), JTTK (All versions < V11.1.1.0). JTTK library in affected products is vulnerable to an out of bounds write past the end of an allocated structure while parsing specially crafted JT files. This could allow an attacker to execute code in the context of the current process. (ZDI-CAN-14829)',
  'score': '7.8 HIGH',
  'source_url': 'https://nvd.nist.gov/vuln/detail/CVE-2021-44430',
  'affected_software': [
    {
      'software_name': 'siemens:jt_open_toolkit:*:*:*:*:*:*:*',
      'versions': ['<11.1.1.0'],
      'versions_raw': ['siemens:jt_open_toolkit:*:*:*:*:*:*:* versions up to (excluding) 11.1.1.0']
    },
    {
      'software_name': 'siemens:jt_utilities:*:*:*:*:*:*:*',
      'versions': ['<13.1.1.0'],
      'versions_raw': ['siemens:jt_utilities:*:*:*:*:*:*:* versions up to (excluding) 13.1.1.0']
    }
  ],
  'third_party_list': [],
  'vendor_list': ['https://cert-portal.siemens.com/productcert/pdf/ssa-802578.pdf'],
  'exploit_list': [],
}
```

有patch的

```
{
  "No": "CVE-2021-41094",
  "title": "NVD - CVE-2021-41094",
  "description": "Wire is an open source secure messenger. Users of wire by Bund may bypass the mandatory encryption at rest feature by simply disabling their device passcode. Upon launching, the app will attempt to enable encryption at rest by generating encryption keys via the Secure Enclave, however it will fail silently if no device passcode is set. The user has no indication that encryption at rest is not active since the feature is hidden to them. This issue has been resolved in version 3.70",
  "score": "4.6 MEDIUM",
  "source_url": 'https://nvd.nist.gov/vuln/detail/CVE-2021-41094',
  'affected_software': [
    {
      'software_name': 'wire:wire:*:*:*:*:*:iphone_os:*:*',
      'versions': ['>=3.68,<3.70'],
      'versions_raw': ['wire:wire:*:*:*:*:*:iphone_os:*:* versions from (including) 3.68 up to (excluding) 3.70']
    }
  ],
  "patch_list": [
    {
      "time": '2024-06-27 10:00:02',
    }
  ]
}
```

```

"patch_url": 'https://github.com/wireapp/wire-
ios/commit/5ba3eb180efc3fc795d095f9c84ae7f109b84746',
"service_name": 'github_commit',
"patch_detail": [
    //这里根据patch来源页面的不同，具体的字段格式不同，均以json形式存储
    //示例数据来自github_commit页面
    {
        "message": "Merge pull request from GHSA-h4m7-pr8h-j7rf\n\n* Show
alert when logged out due to missing biometric passcode\n\n* Update copy\n\n*
Revert strings file change\n\n* Update copy",
        "changes": {
            "total": 19,
            "additions": 17,
            "deletions": 2
        },
        "files": [
            {
                "filename": "Wire-iOS/Generated/Strings+Generated.swift",
                "additions": 6,
                "deletions": 0,
                "blob_url": "https://github.com/wireapp/wire-
ios/blob/5ba3eb180efc3fc795d095f9c84ae7f109b84746/wire-
ios%2FGenerated%2FStrings%2BGenerated.swift",
                "diff": "@@ -57,6 +57,12 @@ internal enum L10n {\n
internal static let title = L10n.tr(\\"Localizable\\", \\"about.website.title\\")\n
    }\n    }\n+    internal enum AccountDeletedMissingPasscodeAlert {\n+
/// In order to use wire, please set a passcode in your device settings.\n+
internal static let message = L10n.tr(\\"Localizable\\",
\\\"account_deleted_missing_passcode_alert.message\\")\n+    /// No Device
Passcode\n+    internal static let title = L10n.tr(\\"Localizable\\",
\\\"account_deleted_missing_passcode_alert.title\\")\n+    }\n    internal enum
AccountDeletedSessionExpiredAlert {\n        /// The application did not
communicate with the server for a long period of time, or your session has been
remotely invalidated.\n        internal static let message =
L10n.tr(\\"Localizable\\", \\"account_deleted_session_expired_alert.message\\")"
            },
            {
                "filename": "Wire-iOS/Resources/Base.lproj/Localizable.strings",
                "additions": 3,
                "deletions": 0,
                "blob_url": "https://github.com/wireapp/wire-
ios/blob/5ba3eb180efc3fc795d095f9c84ae7f109b84746/wire-
ios%2FResources%2FBase.lproj%2FLocalizable.strings",
                "diff": "@@ -1804,6 +1804,9 @@\n
\\\"account_deleted_session_expired_alert.title\\\" = \\\"Your session expired\\\";\n
\\\"account_deleted_session_expired_alert.message\\\" = \\\"The application did not
communicate with the server for a long period of time, or your session has been
remotely invalidated.\\\";\n\n+\\\"account_deleted_missing_passcode_alert.title\\\" =
\\\"No device passcode\\\";\n+\\\"account_deleted_missing_passcode_alert.message\\\" =
\\\"In order to use wire, please set a passcode in your device settings.\\\";\n+
\n //
Button cell state\n \\\"button_message_cell.state.unselected\\\" = \\\"unselected\\\";\n
\\\"button_message_cell.state.selected\\\" = \\\"selected\\\";"
            },
            {
                "filename": "Wire-iOS/Sources/AppRootRouter.swift",
                "additions": 8,

```

```

        "deletions": 2,
        "blob_url": "https://github.com/wireapp/wire-
ios/blob/5ba3eb180efc3fc795d095f9c84ae7f109b84746/wire-
iOS%2FSources%2FAppRootRouter.swift",
        "diff": "@@ -445,8 +445,14 @@ extension AppRootRouter {\n \n
        switch reason {\n            case .sessionExpired:\n-
rootViewController.presentAlertWithOKButton(title:
\"account_deleted_session_expired_alert.title\".localized,\n-
                message:
\"account_deleted_session_expired_alert.message\".localized)\n+
rootViewController.presentAlertWithOKButton(\n+                title:
L10n.Localizable.AccountDeletedSessionExpiredAlert.title,\n+
message: L10n.Localizable.AccountDeletedSessionExpiredAlert.message)\n+\n+
case .biometricPasscodeNotAvailable:\n+
rootViewController.presentAlertWithOKButton(\n+                title:
L10n.Localizable.AccountDeletedMissingPasscodeAlert.title,\n+
message: L10n.Localizable.AccountDeletedMissingPasscodeAlert.message)\n \n
            case .databaseWiped:\n                let wipeCompletionViewController =
wipeCompletionViewController()
        }
    ]
}
]
}

```